

THE MACMILLAN VISUAL DICTIONARY

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UNABRIDGED
COMPACT EDITION



3,500 COLOR ILLUSTRATIONS
25,000 TERMS • 600 SUBJECTS

Tom — every educated man
should know the names

THE
**MACMILLAN
VISUAL
DICTIONARY**

of every thing, some proper
names, though,
one may just as
well forget —

Love — Dad

12/25/99

THE MACMILLAN VISUAL DICTIONARY

Unabridged Compact Edition

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INTRODUCTION

The *Macmillan Visual Dictionary* is quite unlike other dictionaries with respect to both contents and presentation. Given its uniqueness, a few words of explanation will help you appreciate its usefulness and the quality of the information it contains. The following introduction explains how and why *The Macmillan Visual Dictionary* differs from language dictionaries and encyclopedias. For dictionary "fans" and professional lexicographers, we have included a brief description of the principles and methods that guided us in producing the dictionary.

A PICTURE/WORD DICTIONARY

The Macmillan Visual Dictionary closely links pictures and words.

The pictures describe and analyze today's world: the objects of everyday life, our physical environment, the animal and vegetable life that surrounds us, the communication and work techniques that are changing our lifestyles, the weapons that preoccupy us, the means of transportation that are breaking down geographical barriers, the sources of energy on which we depend, etc.

Illustrations play a specific role in our dictionary: they serve to define words, enabling dictionary users to "see" immediately the meaning of each term. Users can thus recognize the objects they are looking for and, at a single glance, find the corresponding vocabulary.

The Macmillan Visual Dictionary provides users with the words they need to accurately name the objects that make up the world around them.

The terms in the dictionary have been carefully selected from current documents written by experts in each area. In case of doubt, the vocabulary has been studied by specialists in the corresponding field and cross-checked in encyclopedias and language dictionaries. We have taken these precautions to ensure the accuracy of each word and a high level of standardization.

A DICTIONARY FOR ONE AND ALL

The Macmillan Visual Dictionary is aimed at all persons who participate in one way or another in contemporary civilization and, as a consequence, need to know and use a great number of technical terms from a wide range of fields.

It thus addresses the needs and curiosity of each and every one of us. It is not designed only for specialists.

The depth of analysis varies according to the subject. Rather than arbitrarily providing a uniform breakdown of each subject, the authors have acknowledged that people's degrees of knowledge differ from one field to another, and that the complexity of the topics dealt with varies widely. For example, more people are familiar with clothing and automobiles than with atomic energy or telecommunications satellites, and find the former subjects simpler than the latter. Another aspect of the same problem is that, in describing human anatomy, we are obliged to use medical terminology, even though the terms seem more complicated than those for fruits and vegetables. In addition, our world is changing: photographic vocabulary, for example, has become much more complicated due to camera automation. Similarly, although microcomputer fans are

familiar with computer terminology, the field remains a mystery for much of the rest of the population.

The Macmillan Visual Dictionary allows for these phenomena, and thus reflects the specialized vocabulary commonly used in each field.

AN EASY-TO-CONSULT DICTIONARY

People may use *The Macmillan Visual Dictionary* in several different ways, thanks to the List of Chapters (page xxxi), the detailed table of contents (page xv), and the index (page 833).

Users may consult the dictionary:

By going from an idea to a word, if they are familiar with an object and can clearly visualize it, but cannot find or do not know the name for it. The table of contents breaks down each subject according to an easy-to-consult, stratified classification system. *The Macmillan Visual Dictionary* is the only dictionary that allows users to find a word from its meaning.

By going from a word to an idea, if they want to check the meaning of a term. The index refers users to the illustrations, which provide the names for the individual features.

At a glance, by using the List of Chapters. The colored page edges help users find the chapters they are looking for.

For sheer pleasure, by flipping from one illustration to another, or from one word to another, for the sole purpose of enjoying the illustrations and enriching their knowledge.

A DICTIONARY WITH A DIFFERENCE

We are all familiar with several types of dictionaries and encyclopedias. It is not always easy, however, to grasp their distinguishing features. The following overview highlights the main differences between *The Macmillan Visual Dictionary* and other reference works.

a) Language dictionaries

These dictionaries describe the meanings given by speakers to the general vocabulary of their language.

They provide two major types of information: headwords (vocabulary), and a list of the meanings of each term (dictionary entries).

The vocabulary, which comprises all of the words covered by lexicographical descriptions, constitutes the framework of the dictionary. For consultation purposes, the headwords are arranged in alphabetical order. Generally speaking, the vocabulary includes common, contemporary language, archaic words useful for understanding the texts

INTRODUCTION

or history of a civilization, and a certain number of widely used technical terms.

Each dictionary entry provides an itemized, semantic description of the corresponding headword. Generally, the entry indicates the part of speech for the headword, its etymology and its various meanings, as well as the word's social usage (familiar, colloquial, vulgar, etc.) according to criteria that, even today, remain somewhat "impressionistic."

In general, language dictionaries are classified according to their target users and the number of terms in the vocabulary, which, in addition to nouns, includes all other parts of speech (verbs, pronouns, adjectives, adverbs, prepositions, conjunctions, etc.). A 5,000-word dictionary is intended for children, one with 15,000 words is suitable for elementary schools and a 50,000-word dictionary covers the needs of the general public.

b) Encyclopedic dictionaries

In addition to the information included in language dictionaries, encyclopedic dictionaries provide details about the nature, functioning, and history of things, thus enabling laymen with solid general knowledge and specialists to understand the scope of a word. They devote much more space to technical terms, and reflect current scientific and technological developments. Generally speaking, pictures play an important role in illustrating the text. The size of encyclopedic dictionaries varies according to the breadth of the vocabulary, the length of the entries, the emphasis placed on proper nouns and the number of fields of specialization covered.

c) Encyclopedias

Unlike the preceding category of reference works, encyclopedias do not deal with language. They are devoted to providing scientific, technical, occasionally economic, historical and geographic descriptions. The arrangement of the entries varies, as all classification systems are valid: alphabetic, conceptual, chronological, by field of specialization, etc. The number of different encyclopedias is virtually unlimited, given the fragmentation of civilization into multiple categories. There is, however, a distinction between universal encyclopedias and specialized encyclopedias.

d) Specialized lexicons and vocabularies

These works usually address specific needs created by scientific and technological progress. They focus on ensuring efficient communication through precise, standardized terminology. They vary in all respects: the method of compilation, the authors' approach to the subject matter, the scope of the vocabulary, the number of languages, and the means of establishing equivalents in the various languages (i.e., by simple translation or by a comparison of unilingual terminologies). Specialized lexicography has become an area of intense activity. The number of works is multiplying in all sectors and in all language combinations.

e) *The Macmillan Visual Dictionary*

The Macmillan Visual Dictionary is a terminology-oriented dictionary. It is aimed at providing members of the general public with the specific terms they need to name the objects of daily life, and helping them grasp the meaning of words through illustrations. Grouped together in interlocking categories, the various elements are interde-

fined. The dictionary is thus organized according to chapters, subjects, specific objects, and features of these objects. Depending on a person's degree of familiarity with a given chapter, the terminology may seem simple or technical. The fundamental goal, however, is to provide non-specialists with a coherent analysis of useful, necessary vocabulary for each subject.

The Macmillan Visual Dictionary is not an encyclopedia, for at least two reasons: rather than describing objects, it names them; in addition, it avoids listing all the objects in a given category. For example, rather than enumerating the various types of trees, it focuses on a typical representative of the category, and examines its structure and individual parts.

It may even less be considered a language dictionary: like other terminological works, it contains no written definitions and covers only nouns and, in particular, noun phrases.

Nor may it be seen as a compendium of specialized vocabularies, as it avoids terminology used only by specialists, focusing instead on more widespread terms—at the risk of being considered simplistic by experts in specific fields.

The Macmillan Visual Dictionary is the first terminology-oriented dictionary to group together in a single volume the thousands of technical and not-so-technical terms most commonly used in our society, where science, technology, and their end products are part of everyday life.

This is the editorial policy that has guided us in creating this dictionary. Consequently, the number of words it contains does not have the same significance as for a language dictionary, for several reasons: in keeping with our editorial policy, we have deliberately chosen to limit the number of words; unlike conventional dictionaries, this work focuses exclusively on nouns, the most significant words in the language, to the exclusion of adjectives, verbs, prepositions, etc.; and finally no one is sure exactly how to count compound terms!

COMPUTER-PRODUCED ILLUSTRATIONS

The illustrations in *The Macmillan Visual Dictionary* have been created by computer from recent documents and original photographs.

The use of computers has given the illustrations a highly realistic, almost photographic look, while allowing us to highlight the essential features corresponding to the vocabulary. The graphic precision of *The Macmillan Visual Dictionary* is one of the main sources of its excellence as an encyclopedic and lexicographical reference tool.

In addition, thanks to computers, we have been able to improve the accuracy of the lines joining objects to their names, thus enhancing the clarity of the link between words and the things they describe.

CAREFULLY ESTABLISHED VOCABULARY

In creating *The Macmillan Visual Dictionary*, we have used the method of systematic and comparative terminological research, which is standard practice among professionals who prepare works of this type.

INTRODUCTION

This method comprises several steps, which follow one another in a logical order. The following paragraphs provide a brief description of each of these steps.

Field delimitation

First of all, on the basis of our objectives, we defined the scope and contents of the proposed work.

We began by choosing the chapters we felt it necessary to cover. We then divided each chapter into fields and sub-fields, taking care to abide by our editorial policy and avoiding overspecialization and the temptation to cover all subjects in detail. This step resulted in a working table of contents, the dictionary framework, which guided our subsequent steps and was refined as the work progressed. The detailed table of contents is the end result of this process.

Documentary research

In keeping with our production plan, we assembled pertinent documents likely to provide us with the required information about words and concepts in each subject matter.

In order of reliability, our documentary sources were as follows:

- Articles and books by experts in the various fields, written in their native language, with an acceptable degree of specialization. Translations of such texts provide revealing information about vocabulary usage, but must be used with due caution;
- Technical documents, such as national standards or the guidelines of the International Standard Organization (ISO), product instructions, technical documents provided by manufacturers, official government publications, etc.;
- Catalogs, commercial texts, advertisements from specialized magazines and major newspapers;
- Encyclopedias, encyclopedic dictionaries, and unilingual language dictionaries;
- Unilingual, bilingual, and multilingual specialized vocabularies and dictionaries. The quality and reliability of these works, however, must be carefully assessed;
- Bilingual and multilingual language dictionaries.

In all, we consulted four to five thousand references. The selected bibliography included in the dictionary indicates only the general documentary sources consulted, and does not include specialized sources.

Sifting through the documents

A terminologist went through the documents for each subject, in search of specific concepts and the words used to express them by different authors and works. Gradually, a framework was established, as the terminologist noted the use of the same term for a given concept from one source to another, or, on the contrary, the use of several terms for the same idea. In the latter case, the terminologist continued his research until he was able to form a well-documented opinion of each competing term. All of this research was recorded, with reference notes.

Creation of terminological files

The preceding step enabled us to assemble all of the elements for our terminological files.

Each concept identified and defined by an illustration has been paired with the term most frequently used to

describe it by the leading authors or in the most reliable sources. Where several competing terms were found in the reference material, following discussion and consensus between the terminologist and the scientific director, a single term was chosen.

Terminological variants

Frequently, several words may be used to designate virtually the same concept.

We dealt with such situations as follows:

- In some cases, a term was used by a single author or appeared only once in our documentary sources. We retained the most frequently used competing term.
- Technical terms are often compound words with or without a hyphen, or several-word expressions. This results in at least two types of terminological variants:

a) The compound technical term may be shortened by the deletion of one or more of its elements, especially where the meaning is clear in the context. The shortened expression may even become the normal term for the concept. In such cases, we retained the compound form, leaving users the freedom to abbreviate it according to the context.

b) An element of the compound term may itself have equivalents (most often synonyms from the commonly spoken language). We retained the most frequently used form.

Variants may stem from the evolution of the language, without terminological consequences. We therefore retained the most contemporary or well-known form.

TERMINOLOGICAL APPROACH

A few comments about the terminological approach, as compared to the lexicographical approach, are in order.

Language dictionaries have a long history. They are familiar reference works, used by most people since early school age, with a well-established, widely known and accepted tradition. We all know how to consult a dictionary and interpret the information it provides—or fails to provide.

Terminological dictionaries are either very recent or intended for a specialized public. There is no solid tradition to guide those who design and produce such works. Although specialists know how to interpret dictionaries pertaining to their own fields, given that they are familiar with the terminology, the same cannot be said for the layperson, who is confused by variants. Finally, whereas language dictionaries have to a certain extent established standard word usage among their users, specialized vocabularies are characterized by competing terms in new fields of specialization.

Users of a reference work such as *The Macmillan Visual Dictionary* should take into account these elements in assessing this new type of reference tool.

JEAN-CLAUDE CORBEIL
ARIANE ARCHAMBAULT

HEADING •

identifies the topic of each page.

SUBHEADING •

indicates the object depicted.

CHAPTER •

of the dictionary is shown in the side margin on each page.

To find the correct term for something, start by turning to the table of contents, which lists the dictionary's chapters, headings, and subheadings, with the first page reference for each heading.

COLOR ILLUSTRATIONS •

realistically depict the objects and their component parts.

ARCHITECTURE

CATHEDRAL

GOTHIC CATHEDRAL

transept spire

belfry

tower

flying buttress

pinnacle

abutment

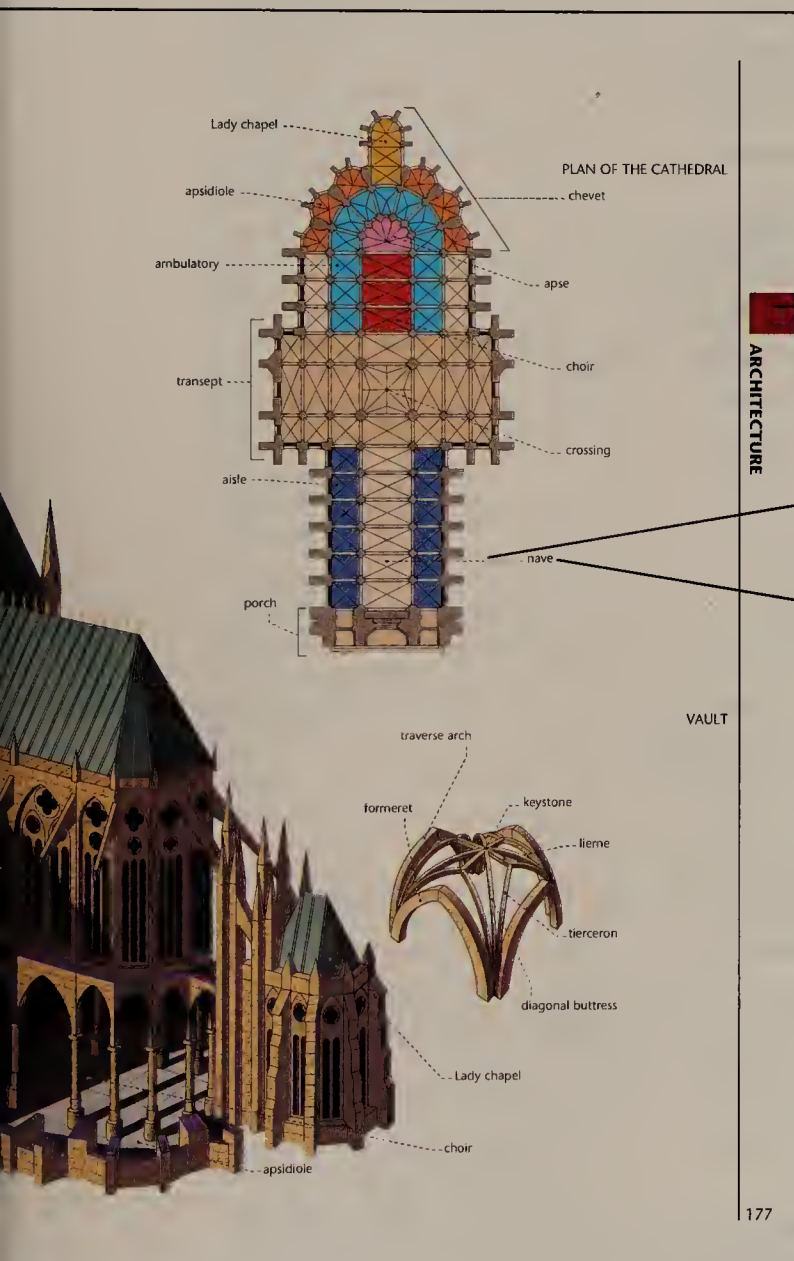
side chapel

buttress

crossing

arcade

pillar



ARCHITECTURE

• COLORED TAB

on the edge of the page corresponds to the chapter as shown in the List of Chapters. This color-coding allows you to find, at a glance, the subject you are looking for.

• DOTTED LINES

link the terms with the objects they describe.

• TERMS

are included in the index, with references to all pages on which they appear.

To see an illustration depicting a term that you know, consult the index.

SELECTED BIBLIOGRAPHY

DICTIONARIES

- *Gage Canadian Dictionary*. Toronto: Gage Publishing Limited, 1983, 1313 p.
- *The New Britannica/Webster Dictionary and Reference Guide*. Chicago, Toronto: Encyclopedia Britannica, 1981, 1505 p.
- *The Oxford English Dictionary*. Second edition. Oxford: Clarendon Press, 1989, 20 vol.
- *The Oxford Illustrated Dictionary*. Oxford: Clarendon Press, 1967, 974 p.
- *Oxford American Dictionary*. Eugene Ehrlich, et al. New York, Oxford: Oxford University Press, 1980, 816 p.
- *The Random House Dictionary of the English Language*. Second edition. New York: Random House 1983, 2059 p.
- *Webster's Encyclopedic Unabridged Dictionary of the English Language*. New York: Portland House, 1989, 2078 p.
- *Webster's Third New International Dictionary*. Springfield: Merriam-Webster, 1986, 2662 p.
- *Webster's Ninth New Collegiate Dictionary*. Springfield: Merriam-Webster, 1984, 1563 p.
- *Webster's New World Dictionary of American Language*. New York: The World Pub., 1953.

ENCYCLOPEDIAS

- *Academic American Encyclopedia*. Princeton: Arct Publishing Company, 1980, 21 vol.
- *Architectural Graphic Standards*. Eighth edition. New York: John Wiley & Sons, 1988, 854 p.
- *Chamber's Encyclopedia*. New rev. edition. London: International Learning System, 1989.
- *Collier's Encyclopedia*. New York: Macmillan Educational Company, 1984, 24 vol.
- *Compton's Encyclopedia*. Chicago: F.E. Compton Company, Division of Encyclopedia Britannica Inc., 1982, 26 vol.
- *Encyclopedia Americana*. International Edition, Danbury: Grolier, 1981, 30 vol.
- *How It Works, The Illustrated Science and Invention Encyclopedia*. New York: H.S. Stuttman, 1977, 21 vol.
- *McGraw-Hill Encyclopedia of Science & Technology*. New York: McGraw-Hill Book Company, 1982, 15 vol.
- *Merit Students Encyclopedia*. New York: Macmillan Educational Company, 1984, 20 vol.
- *New Encyclopedia Britannica*. Chicago, Toronto: Encyclopedia Britannica, 1985, 32 vol.
- *The Joy of Knowledge Encyclopedia*. London: Mitchell Beazley Encyclopedias, 1976, 7 vol.
- *The Random House Encyclopedia*. New York: Random House, 1977, 2 vol.
- *The World Book Encyclopedia*. Chicago: Field Enterprises Educational Corporation, 1973.

FRENCH AND ENGLISH DICTIONARIES

- Collins-Robert, *French-English, English-French Dictionary*, London, Glasgow, Cleveland, Toronto: Collins-Robert, 1978, 781 p.
- Dubois, Marguerite, *Dictionnaire moderne français-anglais*. Paris: Larousse, 1980, 752 p.
- Harrap's *New Standard French and English Dictionary*. Part one, French-English. London: Harrap's 1977, 2 vol. Part two, English-French. London: Harrap's 1983, 2 vol.
- Harrap's *Shorter French and English Dictionary*, London, Toronto, Wellington, Sydney: Harrap's 1953, 940 p.

CONTENTS

ASTRONOMY

Earth coordinate system.....	3
celestial coordinate system.....	3
solar system	4
<i>planets and moons, orbits of the planets</i>	
Sun.....	6
<i>structure of the Sun</i>	
Moon	7
<i>phases of the Moon, lunar features</i>	
solar eclipse.....	8
lunar eclipse.....	8
seasons of the year.....	8
comet.....	9
galaxy.....	9
<i>Hubble's classification</i>	
constellations of the northern hemisphere.....	10
constellations of the southern hemisphere	12
astronomical observatory.....	14
<i>observatory, telescope</i>	
radio telescope	15
<i>altazimuth mounting</i>	
Hubble space telescope.....	16
planetarium	16

GEOGRAPHY

profile of the Earth's atmosphere.....	19
configuration of the continents.....	20
structure of the Earth	22
section of the Earth's crust.....	22
earthquake	23
cave	24
volcano	25
glacier	26
mountain	27
ocean floor.....	28
<i>mid-ocean ridge, topographic features, abyssal plain, continental margin</i>	
wave	30
common coastal features.....	30
ecology.....	31
<i>structure of the biosphere, food chain, pollution of food on ground, pollution of food in water, atmospheric pollution, hydrologic cycle</i>	
precipitations.....	36
<i>stormy sky, classification of snow crystals</i>	
meteorology.....	38
<i>weather map, station model, wind</i>	
international weather symbols.....	39
<i>fronts, sky coverage, present weather</i>	
meteorological measuring instruments.....	40
<i>measure of sunshine, measure of rainfall, measure of temperature, measure of air pressure, measure of wind direction, measure of wind strength, measure of humidity, measure of snowfall, measure of cloud ceiling, instrument shelter</i>	
weather satellite.....	42
<i>geostationary satellite, polar-orbiting satellite, orbit of the satellites</i>	
clouds and meteorological symbols.....	44
<i>high clouds, middle clouds, low clouds, clouds of vertical development</i>	

CONTENTS

climates of the world.....	45
<i>tropical climates, cantinental climates, temperate climates, subtropical climates, polar climates, highland climates, subarctic climates</i>	
desert.....	46
cartography.....	47
<i>grid system, hemispheres, map projections, political map, physical map, urban map, road map</i>	
remote detection satellite.....	48
<i>Radarsat satellite</i>	

VEGETABLE KINGDOM

mushroom.....	55
<i>structure of a mushroom, edible mushrooms, deadly poisonaus mushroom, poisonous mushroom</i>	
leaf.....	56
<i>leaf margin, types of leaves, compaund leaves, simple leaves</i>	
structure of a plant.....	57
conifer.....	58
<i>branch, types of leaves</i>	
structure of a tree.....	59
<i>tree, cross section of a trunk, stump</i>	
structure of a flower.....	60
<i>types of inflorescences</i>	
grape.....	61
<i>maturing steps, vine stock, grape leaf, bunch of grapes</i>	
fleshy fruits: berry fruits.....	62
<i>section of a berry, section of a raspberry, section of a strawberry, majar types of berries</i>	
stone fleshy fruits.....	63
<i>section of a stone fruit, majar types of stone fruits</i>	
pome fleshy fruits.....	64
<i>section of a pome fruit, majar types of pome fruits</i>	
fleshy fruits: citrus fruits.....	65
<i>section of a citrus fruit, majar types af citrus fruits</i>	
dry fruits: nuts.....	66
<i>section af a hazelnut, section of a walnut, majar types of nuts, husk</i>	
various dry fruits.....	67
<i>section of a fallicle, section of a legume, section of a silique, section of a capsule</i>	
tropical fruits.....	68
<i>majar types of tropical fruits</i>	
vegetables.....	69
<i>fruit vegetables, inflorescent vegetables, bulb vegetables, tuber vegetables, raat vegetables, stalk vegetables, seed vegetables, leaf vegetables</i>	
herbs.....	74

ANIMAL KINGDOM

insects and spider.....	77
butterfly.....	78
<i>caterpillar, chrysalis, hind leg</i>	
honeybee.....	80
<i>foreleg (outer surface), middle leg (outer surface), hind leg (inner surface), mouthparts, warker, queen, drone, haneycamb section, hive</i>	
gastropod.....	83
<i>snail, majar edible gastropods</i>	

CONTENTS

amphibians	84
<i>frag, life cycle of the frog, eggs, tadpole, major amphibians</i>	
fish.....	86
<i>morphology, gills, anatomy</i>	
crustacean	90
<i>labster, major edible crustaceans</i>	
mollusk.....	92
<i>oyster, major edible mollusks</i>	
univalve shell.....	94
bivalve shell.....	95
<i>dorsal view, left valve</i>	
reptile.....	96
<i>rattlesnake, venomous snake's head, turtle</i>	
types of jaws.....	98
<i>rodent's jaw, carnivore's jaw, herbivore's jaw</i>	
major types of horns.....	99
major types of tusks.....	99
types of hoofs	99
horse.....	100
<i>morphology, skeleton, gaits, horseshoe, hoof</i>	
deer family	105
<i>deer antlers, kinds of deer</i>	
dog.....	106
<i>morphology, dog's forepaw</i>	
cat.....	107
<i>cat's head, retracted claw, extended claw</i>	
bird.....	108
<i>morphology, head, egg, wing, contour feather, principal types of bills, principal types of feet</i>	
bat.....	112
 HUMAN BEING	
plant cell	115
animal cell.....	115
human body.....	116
muscles.....	120
<i>anterior view, posterior view</i>	
skeleton	122
<i>anterior view, posterior view</i>	
blood circulation.....	124
<i>schema of circulation, heart, principal veins and arteries</i>	
male genital organs.....	127
<i>spermatozoan</i>	
female genital organs.....	128
<i>egg</i>	
breast	129
respiratory system.....	130
digestive system.....	131
<i>large intestine, small intestine</i>	
urinary system.....	132
nervous system.....	133
<i>peripheral nervous system, central nervous system, lumbar vertebra, chain of neurons, sensory impulse</i>	
sense organs: touch.....	136
<i>skin, finger, hand</i>	

CONTENTS

sense organs: hearing	138
<i>parts of the ear, auditory ossicles, auricle</i>	
sense organs: sight.....	140
<i>eye, eyeball</i>	
sense organs: smell	141
<i>external nose, nasal fossae</i>	
senses of smell and taste.....	142
<i>mouth, dorsum of tongue, taste sensations</i>	
teeth	144
<i>human denture, cross section of a molar</i>	

FARMING

tractor	147
farmstead.....	148
farm animals.....	150
principal types of cereals.....	152
bread.....	153
steps for cultivating soil.....	154
<i>ribbing plow, manure spreader, tandem disk harrow, cultivator, seed drill, flail</i>	
<i>mower, rake, hay baler, combine harvester, forage harvester, forage blower</i>	

ARCHITECTURE

traditional houses	165
architectural styles.....	166
<i>ionic order, doric order, corinthian order</i>	
Greek temple.....	168
Roman house	170
mosque.....	172
arch.....	174
<i>semicircular arch, types of arches</i>	
gothic cathedral	175
Vauban fortification	178
castle	180
roofs.....	182
downtown.....	184
cross section of a street	186
city houses.....	187
theater	188
<i>stage</i>	
office building.....	190

HOUSE

blueprint reading.....	193
<i>elevation, site plan, mezzanine floor, second floor, first floor</i>	
exterior of a house	196
structure of a house	198
<i>frame, roof truss, foundations</i>	
wood flooring	200
<i>wood flooring on cement screed, wood flooring on wooden structure, wood</i>	
<i>flooring arrangements</i>	
stairs.....	201
door.....	202
<i>types of doors</i>	
window	203
<i>structure, types of windows</i>	

CONTENTS

heating	204
<i>fireplace, slow-burning stove, chimney, fire irons, forced warm-air system, electric furnace, types of registers, forced hot-water system, column radiator, boiler, oil burner, humidifier, hygrometer, electric baseboard radiator, convector, auxiliary heating, heat pump, room thermostat</i>	
air conditioning	214
<i>ceiling fan, room air conditioner</i>	
plumbing system	215
pedestal-type sump pump	216
septic tank	216

HOUSE FURNITURE

table	219
<i>types of tables</i>	
armchair	220
<i>principal types of armchairs</i>	
seats	222
side chair	223
<i>types of chairs</i>	
bed	224
<i>linen</i>	
storage furniture	225
<i>armoie</i>	
window accessories	228
<i>types of curtains, types of pleats, types of headings, curtain pole, curtain track, traverse rod, roller shade, Venetian blind</i>	
lights	232
<i>incandescent lamp, fluorescent tube, tungsten-halogen lamp, energy saving bulb, adjustable lamp, track lighting, chandelier</i>	
glassware	237
dinnerware	238
silverware	239
<i>principal types of knives, principal types of forks, principal types of spoons</i>	
kitchen utensils	242
<i>types of kitchen knives, for stroining and dicing, for grinding and grating, set of utensils, for opening, for measuring, baking utensils</i>	
coffee makers	247
<i>automatic drip coffee maker, vacuum coffee maker, percolator, plunger, Neapolitan coffee maker, espresso coffee maker</i>	
cooking utensils	248
<i>wok set, fish poacher, fondue set, pressure cooker</i>	
domestic appliances	250
<i>hand blender, beaters, blender, hand mixer, table mixer, food processor, citrus juicer, juicer, ice cream freezer, kettle, toaster, deep fryer, waffle iron, microwave oven, griddle, refrigerator, range hood, electric range, steam iron, coffee mill, can opener, dishwasher, washer, electric dryer, hand vacuum cleaner, canister vacuum cleaner</i>	

GARDENING

pleasure garden	263
tools and equipment	264
<i>impulse sprinkler, hose trolley, watering can, hedge trimmer, wheelbarrow, motorized earth auger, hand mower, edger, power mower, chainsaw, tiller</i>	

CONTENTS

DO-IT-YOURSELF

carpentry: tools	275
<i>nail, mallet, claw hammer, ball-peen hammer, screwdriver, spiral screwdriver, crescent wrench, hacksaw, plane, handsaw, slip joint pliers, rib joint pliers, locking pliers, washers, screw, bolt, nut, electric drill, hand drill, twist drill, brace, auger bit, C-clamp, vise, router, drill press, circular saw, table saw</i>	
building materials	286
<i>basic building materials, covering materials, insulating materials, wood, board, wood-based materials</i>	
lock	290
<i>mortise lock, tubular lock</i>	
masonry	291
<i>caulking gun, mason's trowel</i>	
plumbing: bathroom	292
<i>toilet</i>	
plumbing	294
<i>stem faucet, ball-type faucet, disc faucet, cartridge faucet, garbage disposal sink, gas water-heater tank</i>	
plumbing: examples of branching	298
<i>washer, dishwasher</i>	
plumbing	299
<i>plumbing tools, fittings, transition fittings</i>	
ladders and stepladders	302
<i>extension ladder, stepladder, platform ladder</i>	
painting upkeep	304
<i>spray paint gun, brush, scraper, paint roller</i>	
soldering and welding	305
<i>arc welding, soldering gun, cutting torch, welding torch, oxyacetylene welding, pressure regulator, butt welding, soldering torch, striker</i>	
soldering and welding: protective clothing	308
electricity	309
<i>American plug, lamp socket, European plug, electrician's tools, multimeter, voltage tester, drop light, multipurpose tool, lineman's pliers, fuse box, fuses</i>	

CLOTHING

elements of ancient costume	315
men's clothing	319
<i>raincoat, trench coat, duffle coat, overcoat, windbreaker, jacket, parka, double-breasted jacket, vest, single-breasted jacket, belt, pants, suspenders, shirt, necktie, athletic shirt, underwear, socks, briefs</i>	
sweaters	326
<i>V-neck cardigan</i>	
gloves	327
headgear	328
<i>felt hat</i>	
women's clothing	330
<i>types of coats, pea jacket, raglan, pelerine, suit, types of dresses, types of skirts, types of pleats, types of pants, types of blouses, jackets, vest and sweaters, types of pockets, types of sleeves, types of collars, necklines and necks, hose, underwear, bra, nightwear</i>	
children's clothing	349
<i>bathing wrap, plastic pants, blanket sleepers, high-back overalls, sleepers, grow sleepers, training set, crossover back straps overalls, snowsuit</i>	
sportswear	352
<i>running shoe, training suit, exercise wear</i>	

CONTENTS

shoes	354
<i>parts of a shoe, major types of shoes, accessories, shoeshine kit</i>	
PERSONAL ADORNMENT	
jewelry	361
<i>earrings, necklaces, precious stones, semiprecious stones, cut for gemstones, brilliant cut facets, rings, brooches, pins, charms</i>	
manicure	365
<i>manicure set, manicuring implements, nail clippers</i>	
makeup	366
<i>lip makeup, eye makeup, sponges</i>	
hairdressing	368
<i>lighted mirror, hairbrushes, styling brush, combs, haircutting scissors, notched single-edged thinning scissors, notched double-edged thinning scissors, hair roller, curling iron, hair dryer</i>	
PERSONAL ARTICLES	
dental care	373
<i>toothbrush, oral hygiene center</i>	
razors	374
<i>straight razor, double-edge razor, electric razor, shaving brush</i>	
umbrella and stick	375
<i>umbrella, stick umbrella, telescopic umbrella</i>	
eyeglasses	376
<i>eyeglasses parts, bifocal lens, frames, major types of eyeglasses</i>	
leather goods	378
<i>attaché case, bottom-fold portfolio, briefcase, checkbook/secretary clutch, card case</i>	
handbags	380
<i>satchel bag, shoulder bag, accordion bag, drawstring bag</i>	
luggage	382
<i>garment bag, carry-on bag, vanity case, luggage carrier, weekender, pullman case, trunk</i>	
smoking accessories	384
<i>cigar, cigarette, cigarette pack, pipe, pipe tools, matchbook, gas lighter, matchbox, ashtray</i>	
COMMUNICATIONS	
writing instruments	389
<i>fountain pen, ballpoint pen</i>	
photography	390
<i>cross section of a reflex camera, camera back, single-lens reflex (SLR) camera, lenses, electronic flash, tripod, still cameras, films, exposure meter, spotmeter, slide projector, projection screen, transparency slide, developing tank, enlarger, negative carrier, developing bath, print washer</i>	
sound reproducing system	400
<i>system components, loudspeaker, tuner, amplifier, cassette, cassette tape deck, record, turntable, compact disk, compact disk player</i>	
dynamic microphone	406
headphones	406
radio: studio and control room	407
portable sound systems	408
<i>personal radio cassette player, portable CD radio cassette recorder</i>	
video camera	409

CONTENTS

television.....	410
<i>television set, picture tube, remote control, videocassette recorder, studio and control rooms, production control room, studio floor, camera</i>	
mobile unit.....	415
broadcast satellite communication	416
telecommunications by satellite.....	417
telecommunication satellites	418
<i>examples of satellites, Eutelsat II, launching into orbit</i>	
communication by telephone.....	420
<i>telephone answering machine, telephone set, telex, facsimile machine, types of telephones, telecommunication terminal, pay phone</i>	

ROAD TRANSPORT

automobile.....	425
<i>types of bodies, body, bucket seat, rear seat, lights, door, dashboard, instrument panel, windshield wiper, disk brake, drum brake, wheel, tire, gasoline engine, turbo-compressor engine, radiator, exhaust system, battery, spark plug</i>	
types of engines	436
<i>four-stroke-cycle engine, two-stroke-cycle engine, diesel engine, rotary engine</i>	
trucking	440
<i>truck tractor, tandem tractor trailer, semitrailer, flatbed</i>	
motorcycle	442
<i>protective helmet, motorcycle dashboard</i>	
snowmobile	445
bicycle.....	446
<i>power train, accessories</i>	
caravan.....	449
<i>trailer, motor home</i>	
road system	450
<i>cross section of a road, major types of interchanges, cloverleaf</i>	
service station	453
<i>gasoline pump, service station</i>	
fixed bridges.....	454
<i>types of beam bridges, types of arch bridges, types of arches, suspension bridge, cable-stayed bridges</i>	
movable bridges	457
<i>swing bridge, single-leaf bascule bridge, floating bridge, lift bridge, transporter bridge</i>	

RAIL TRANSPORT

high-speed train.....	458
types of passenger cars.....	460
<i>coach car, sleeping car, dining car</i>	
passenger station.....	462
railroad station.....	464
yard.....	465
railroad track	466
<i>rail joint, rail section, remote-controlled switch, manually-operated switch</i>	
diesel-electric locomotive	468
car	470
<i>box car, container, coupler head</i>	
highway crossing.....	471
types of freight cars	472
subway	474
<i>subway station, subway train, truck and track, passenger car</i>	

CONTENTS

MARITIME TRANSPORT

four-masted bark	478
<i>masting and rigging, sails</i>	
types of sails.....	482
types of rigs	482
anchor.....	483
<i>ship's anchor, types of anchors</i>	
navigation devices.....	484
<i>sextant, liquid compass, echo sounder, echo sounder probe</i>	
maritime signals	486
<i>lighthouse lantern, cylindrical buoy, lighthouse, high focal plane buoy</i>	
maritime buoyage system	488
<i>cardinal marks, buoyage regions, rhythm of marks by night, daymarks</i>	
harbor	490
canal lock.....	492
hovercraft	492
ferry	494
container ship	494
hydrofoil boat	495
passenger liner.....	496

AIR TRANSPORT

long-range jet	498
types of tail shapes.....	498
types of wing shapes.....	499
flight deck.....	500
turbofan engine	501
airport.....	502
<i>passenger terminal, runway, ground airport equipment</i>	
helicopter.....	508
rocket.....	509
space shuttle.....	510
<i>space shuttle at takeoff, space shuttle in orbit</i>	
spacesuit	512

OFFICE SUPPLIES

stationery.....	515
office furniture	520
calculator	523
<i>pocket calculator, printing calculator</i>	
electronic typewriter.....	524

OFFICE AUTOMATION

configuration of an office automation system	526
<i>input devices, communication devices, data storage devices, output devices</i>	
basic components	528
<i>personal computer, video monitor, floppy disk, mini-floppy disk, hard disk drive, keyboard, mouse, dot matrix printer</i>	
photocopier	532
<i>control panel</i>	

MUSIC

traditional musical instruments	535
<i>zither, balalaika, mandolin, lyre, banjo, accordion, bagpipes, Jew's harp</i>	

CONTENTS

musical notation	537
<i>staff, clefs, time signatures, scale, intervals, note symbols, rest symbols, acci-</i> <i>dentials, ornaments, chord, other signs</i>	
musical accessories	539
<i>tuning fork, quartz metronome, metronome, music stand</i>	
keyboard instruments	540
<i>upright piano, upright piano action</i>	
organ	542
<i>organ console, flue pipe, reed pipe, mechanism of the organ, production of</i> <i>sound</i>	
stringed instruments	544
<i>violin, bow, violin family, harp, acoustic guitar, electric guitar</i>	
wind instruments	548
<i>saxophone, woodwind family, reeds, trumpet, brass family</i>	
percussion instruments	552
<i>drums, snare drum, kettledrum, xylophone, triangle, tambourine</i>	
electronic instruments	555
<i>synthesizer, electronic piano</i>	
symphony orchestra	556
examples of instrumental groups	558

CREATIVE LEISURE ACTIVITIES

sewing	561
<i>sewing machine, foot control, presser foot, needle, tension block, bobbin case,</i> <i>pin cushion, tracing wheel, scissors, underlying fabrics, pattern, fasteners, hook</i> <i>and eyes, fabric structure, zipper, snap, buckle</i>	
knitting	567
<i>knitting needles, stitch patterns, crochet hook</i>	
knitting machine	568
<i>needle bed and carriages, latch needle, tension block</i>	
bobbin lace	570
<i>pillow, bobbin</i>	
embroidery	571
<i>frame, hoop, cross stitches, flat stitches, couched stitches, knot stitches, loop</i> <i>stitches</i>	
weaving	572
<i>low warp loom, shuttle, heddles, high warp loom, warping frame, bobbin</i> <i>winder, ball winder, diagram of weaving principle, basic weaves, other tech-</i> <i>niques</i>	
fine bookbinding	577
<i>bound book, gathering, trimming, sawing-in, sewing, board cutter, sewing</i> <i>frame, backing, backing press, backing hammer, covering, bookbinding</i> <i>leather, pressing, standing press</i>	
printing	580
<i>relief printing, intaglio printing, lithographic printing</i>	
relief printing process	581
<i>inking slab, equipment, etching press</i>	
intaglio printing process	582
<i>equipment</i>	
lithography	583
<i>equipment, lithographic press, levigator</i>	
pottery	584
<i>turning, coiling, tools, slab building, turning wheel, electric kiln, firing</i>	
wood carving	586
<i>steps, accessories, types of tools, major types of blades</i>	

CONTENTS

painting and drawing	588
<i>major techniques, equipment, supports, airbrush, drafting table, utility liquids</i>	

TEAM GAMES

baseball	595
<i>catcher, batter, bat, fielder's glove, baseball, field</i>	
cricket	598
<i>cricket player, cricket ball, bat, wicket, field, pitch</i>	
soccer	600
<i>soccer player, soccer ball, playing field</i>	
football	602
<i>football player, protective equipment, football, offense, scrimmage, defense, playing field for American football, playing field for Canadian football, scrimmage in Canadian football</i>	
rugby	606
<i>field, rugby ball</i>	
field hockey	607
<i>playing field, stick, hockey ball</i>	
ice hockey	608
<i>puck, rink, player's stick, goalkeeper, ice hockey player</i>	
basketball	610
<i>court, basket, basketball</i>	
netball	611
<i>netball, court</i>	
handball	612
<i>handball, court</i>	
volleyball	613
<i>court, net, volleyball</i>	
tennis	614
<i>court, net, tennis ball, tennis player, tennis racket</i>	
squash	616
<i>squash racket, international singles court, squash ball</i>	
racquetball	617
<i>racquetball racket, court, racquetball</i>	
badminton	618
<i>badminton racket, shuttlecock, court, net</i>	
table tennis	619
<i>table tennis paddle, table, types of grips</i>	
curling	620
<i>curling brooms, curling stone, rink</i>	

WATER SPORTS

swimming	621
<i>competitive course, starting block, front crawl stroke, breaststroke, butterfly stroke, backstroke, backstroke start</i>	
diving	624
<i>diving installations, starting positions, flights, entries, forward dive, twist dive, armstand dive, inward dive, backward dive, reverse dive</i>	
water polo	626
<i>playing area, goal, water polo ball</i>	
scuba diving	627
<i>scuba diver</i>	
sailing	628
<i>points of sailing, sailboat, upperworks, traveler</i>	
sailboard	631

CONTENTS

rowing and sculling	632
<i>rowing (one oar), sculling boats, rowing boats, sculling (two oars), types of oars</i>	
water skiing.....	633
<i>types of skis, twin skis, slalom ski, figure ski, types of handles</i>	
AERIAL SPORTS	
ballooning	634
<i>balloon, basket</i>	
sky diving.....	635
<i>sky diver</i>	
paragliding.....	636
<i>canopy</i>	
hang gliding	637
<i>hang glider</i>	
gliding.....	638
<i>glider, cockpit</i>	
WINTER SPORTS	
alpine skiing.....	640
<i>alpine skier, safety binding, ski boot</i>	
cross-country skiing	642
<i>cross-country skier, cross-country ski</i>	
luge.....	643
bobsled.....	643
skating	644
<i>figure skate, hockey skate, skate guard, speed skate</i>	
roller skate.....	645
snowshoe.....	645
<i>Michigan snowshoe</i>	
EQUESTRIAN SPORTS	
riding.....	646
<i>competition ring, obstacles, rider, saddle, bridle</i>	
types of bits	650
<i>snaffle bit, curb bit</i>	
horse racing.....	651
<i>jockey, stand and track</i>	
harness racing	652
<i>standardbred pacer</i>	
ATHLETICS	
track and field athletics.....	654
<i>arena, starting block, high jump, pole vault, throwings, hammer, discus, javelins, shot</i>	
gymnastics	659
<i>asymmetrical bars, balance beam, trampoline, vaulting horse, springboard, rings, horizontal bar, pommel horse, parallel bars</i>	
weightlifting	662
<i>weightlifter, two-hand snatch, two-hand clean and jerk</i>	
fitness equipment	663
<i>weight stack exercise unit, barbell, stationary bicycle, rower, climber, hand-grips, ankle/wrist weight, chest expander, jump rope, dumbbell, twist bar</i>	
COMBAT SPORTS	
fencing.....	666
<i>piste, fencing weapons, parts of the weapon, fencer, positions, target areas</i>	

CONTENTS

judo	668
<i>judo suit, mat, examples of holds</i>	
boxing	669
<i>ring, boxing gloves, bandage, mouthpiece</i>	
LEISURE SPORTS	
fishing	670
<i>fly rod, artificial fly, fly reel, spinning rod, open-face spinning reel, fishhook, spinner, fishing garment, accessories, terminal tackles</i>	
billiards	673
<i>carom billiards, English billiards, pool, snooker, table, bridge, billiards cue</i>	
golf	676
<i>course, golf ball, golf clubs, wood, iron, golf bag, electric golf cart, golf cart, head cover, golf glove, golf shoe</i>	
mountaineering	680
<i>mountaineer, descender, hammer ax, piton, carabiner, ice ax, tubular ice screw, chock</i>	
bowls and petanque	682
<i>green, delivery</i>	
bowling	683
<i>types of pins, setup, lane, bowling ball</i>	
archery	684
<i>target, arrow, archer, compound bow</i>	
camping	685
<i>two-person tent, family tent, pup tent, major types of tents, bed and mattress, sleeping bags, Swiss army knife, cooking set, cutlery set, two-burner camp stove, propane or butane accessories, single-burner camp stove, heater, lantern, tools</i>	
knots	691
cable	692
<i>shot splice, twisted rope, braided rope</i>	
INDOOR GAMES	
card games	695
<i>symbols, standard poker hands</i>	
dominoes	695
chess	696
<i>chessboard, types of movements, men</i>	
backgammon	697
go	697
<i>board, major motions</i>	
game of darts	698
<i>dartboard, dart, playing area</i>	
video entertainment system	699
dice	699
roulette table	700
<i>American roulette wheel, American betting layout, French roulette wheel, French betting layout</i>	
slot machine	702
MEASURING DEVICES	
measure of temperature	705
<i>thermometer, bimetallic thermometer, clinical thermometer, room thermostat</i>	
measure of time	706
<i>stopwatch, mechanical watch, digital watch, analog watch, sundial, grandfather clock, weight-driven clock mechanism</i>	

CONTENTS

measure of weight.....	708
<i>beam balance, steelyard, Roberval's balance, spring balance, bathroom scale, electronic scales, analytical balance</i>	
measure of pressure.....	710
<i>barometer/thermometer, tensiometer</i>	
measure of length	711
<i>tape measure</i>	
measure of distance.....	711
<i>pedometer</i>	
measure of thickness	711
<i>micrometer caliper</i>	
watt-hour meter.....	712
<i>exterior view, mechanism</i>	
measure of angles.....	713
<i>bevel square, theodolite, protractor</i>	
measure of seismic waves.....	714
<i>detection of seismic waves, amplification of seismic waves, transcription of seismic waves, visualization of seismic waves</i>	

OPTICAL INSTRUMENTS

electron microscope.....	717
<i>cross section of an electron microscope, electron microscope elements</i>	
binocular microscope.....	718
telescopic sight.....	718
prism binoculars.....	719
magnetic compass	719
reflecting telescope.....	720
refracting telescope	721
lenses.....	722
<i>converging lenses, diverging lenses</i>	
radar	722

HEALTH AND SAFETY

first aid kit.....	725
first aid equipment.....	726
<i>stethoscope, cot, stretcher, syringe</i>	
wheelchair.....	727
walking aids.....	728
<i>forearm crutch, canes, underarm crutch</i>	
ear protection	729
<i>safety earmuff, ear plugs</i>	
eye protection.....	729
<i>safety goggles, safety glasses</i>	
head protection.....	729
<i>safety cap</i>	
respiratory system protection.....	730
<i>respirator, half-mask respirator</i>	
safety vest.....	730
feet protection	730

ENERGY

coal mine	733
<i>open-pit mine, strip mine, pithead, underground mine, jackleg drill, pneumatic hammer</i>	

CONTENTS

oil.....	737
<i>drilling rig, rotary system, production platform, offshore drilling, Christmas tree, crude-oil pipeline, fixed-raaf tank, floating-raaf tank, tank trailer, tanker, tank car, refinery products</i>	
electricity.....	746
<i>hydroelectric complex, cross section of hydroelectric power station, embankment dam, gravity dam, arch dam, buttress dam, tidal power plant, generator unit, Francis turbine, Kaplan turbine, Pelton turbine, steps in production of electricity, pylon, electricity transmission, overhead connection</i>	
nuclear energy.....	758
<i>nuclear generating station, carbon dioxide reactor, heavy-water reactor, pressurized-water reactor, boiling-water reactor, fuel handling sequence, fuel bundle, nuclear reactor, production of electricity from nuclear energy</i>	
solar energy.....	768
<i>solar cell, flat-plate solar collector, solar-cell system, solar furnace, production of electricity from solar energy, solar house, Trombe wall</i>	
wind energy.....	773
<i>windmill, past mill, horizontal-axis wind turbine, vertical-axis wind turbine</i>	
HEAVY MACHINERY	
fire prevention.....	777
<i>fireman, helmet, hand lamp, ladder and hose strap</i>	
fire engine.....	778
<i>pumper, nozzle, fire hose, dividing breeching, fire hydrant wrench, aerial ladder truck, portable fire extinguisher, pike pole, percussion bar, hook ladder, fireman's hatchet</i>	
heavy vehicles.....	782
<i>wheel loader, bulldozer, scraper, grader, dump truck, hydraulic shovel</i>	
material handling.....	786
<i>tower crane, truck crane, gantry crane, forklift truck, hydraulic pallet truck, wing pallet, box pallet</i>	
WEAPONS	
Stone Age weapons.....	791
weapons in the age of the Romans.....	791
<i>Gaulish warrior, Roman legionary</i>	
armor.....	792
<i>armet</i>	
bows and crossbow.....	793
<i>modern bow, bow, arrow, crossbow</i>	
thrusting and cutting weapons.....	794
harquebus.....	795
<i>flintlock</i>	
submachine gun.....	795
automatic rifle.....	796
light machine gun.....	796
revolver.....	797
pistol.....	797
hunting weapons.....	798
<i>rifle (rifled bore), cartridge (rifle), shotgun (smooth-bore), cartridge (shotgun)</i>	
seventeenth century cannon.....	800
<i>muzzle loading, cross section of a muzzle loading, firing accessories, projectiles</i>	
modern howitzer.....	802
mortar.....	803
<i>seventeenth century mortar, modern mortar</i>	

CONTENTS

hand grenade.....	804
bazooka.....	804
recoilless rifle.....	804
tank.....	805
submarine.....	806
frigate.....	808
aircraft carrier.....	810
combat aircraft.....	812
<i>in-flight refueling</i>	
missiles.....	814
<i>structure of a missile, major types of missiles</i>	

SYMBOLS

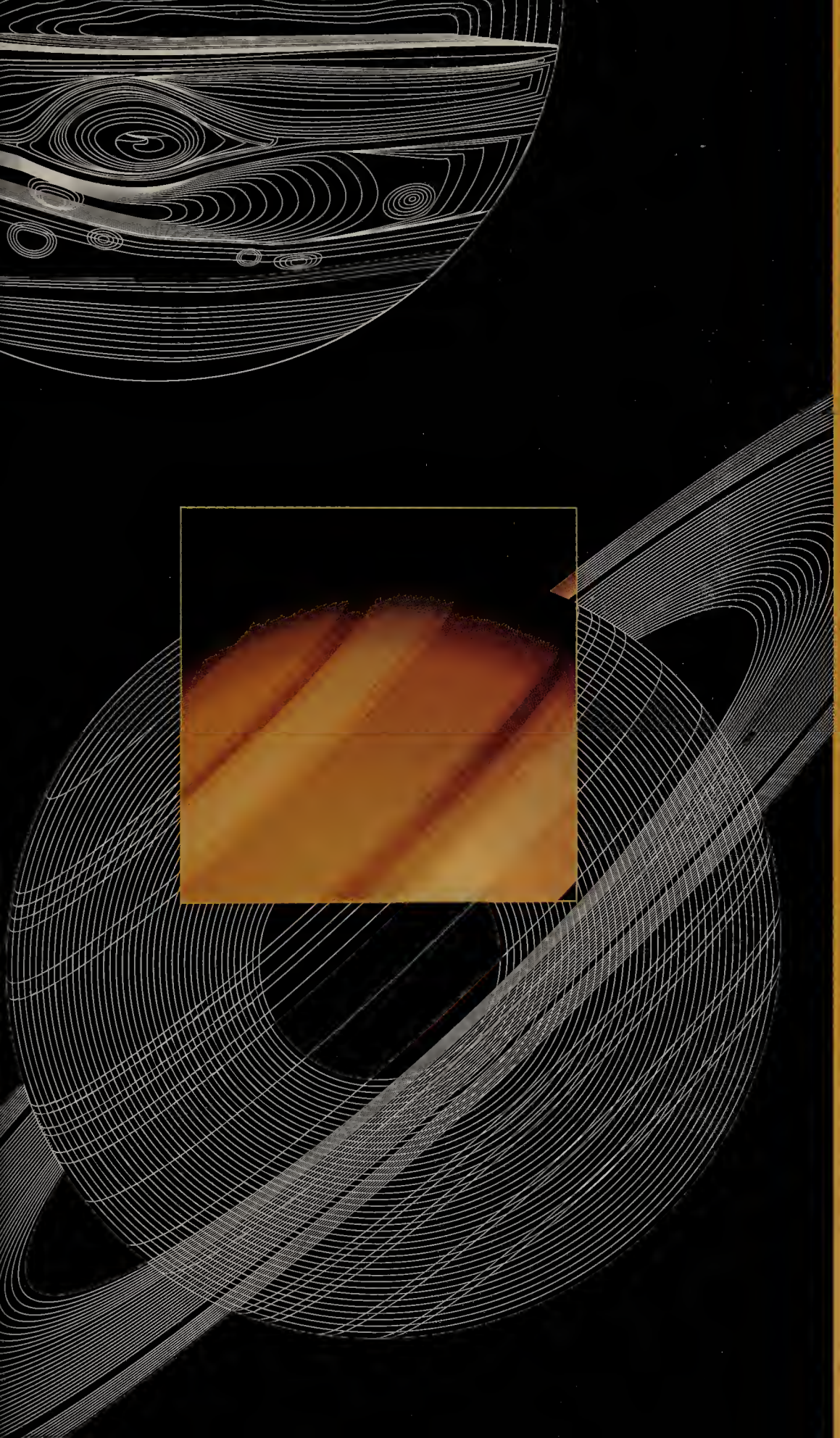
heraldry.....	817
<i>parts of a flag, flag shapes, shield divisions, examples of partitions, examples of ordinaries, examples of charges, examples of colors, examples of metals, examples of furs</i>	
signs of the zodiac.....	820
<i>fire signs, earth signs, air signs, water signs</i>	
safety symbols.....	821
<i>dangerous materials, protection</i>	
common symbols.....	822
road signs.....	824
<i>major North American road signs, major international road signs</i>	
fabric care.....	829
<i>washing, drying, ironing</i>	
common scientific symbols.....	830
<i>mathematics, geometry, biology, chemistry, miscellaneous symbols</i>	
diacritic symbols.....	832
punctuation marks.....	832
examples of currency abbreviations.....	832

GENERAL INDEX	833
----------------------------	-----

LIST OF CHAPTERS

1	ASTRONOMY
17	GEOGRAPHY
53	VEGETABLE KINGDOM
75	ANIMAL KINGDOM
113	HUMAN BEING
145	FARMING
163	ARCHITECTURE
191	HOUSE
217	HOUSE FURNITURE
261	GARDENING
273	DO-IT-YOURSELF
313	CLOTHING
359	PERSONAL ADORNMENT
371	PERSONAL ARTICLES
387	COMMUNICATIONS
423	TRANSPORT
513	OFFICE SUPPLIES
533	MUSIC
559	CREATIVE LEISURE ACTIVITIES
593	SPORTS
693	INDOOR GAMES
703	MEASURING DEVICES
715	OPTICAL INSTRUMENTS
723	HEALTH AND SAFETY
731	ENERGY
775	HEAVY MACHINERY
789	WEAPONS
815	SYMBOLS
833	INDEX

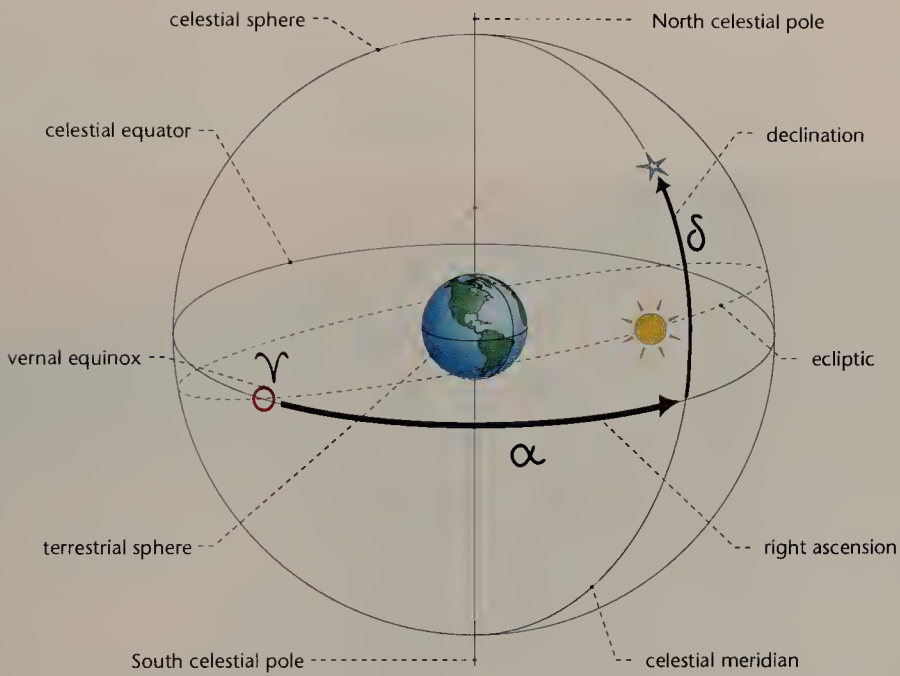
ASTRONOMY



CONTENTS

EARTH COORDINATE SYSTEM.....	3
CELESTIAL COORDINATE SYSTEM.....	3
SOLAR SYSTEM	4
SUN	6
PHASES OF THE MOON	6
MOON.....	7
SEASONS OF THE YEAR.....	8
SOLAR ECLIPSE.....	8
LUNAR ECLIPSE.....	8
GALAXY	9
COMET	9
CONSTELLATIONS OF THE NORTHERN HEMISPHERE	10
CONSTELLATIONS OF THE SOUTHERN HEMISPHERE.....	12
ASTRONOMICAL OBSERVATORY.....	14
RADIO TELESCOPE.....	15
PLANETARIUM	16
HUBBLE SPACE TELESCOPE	16

CELESTIAL COORDINATE SYSTEM

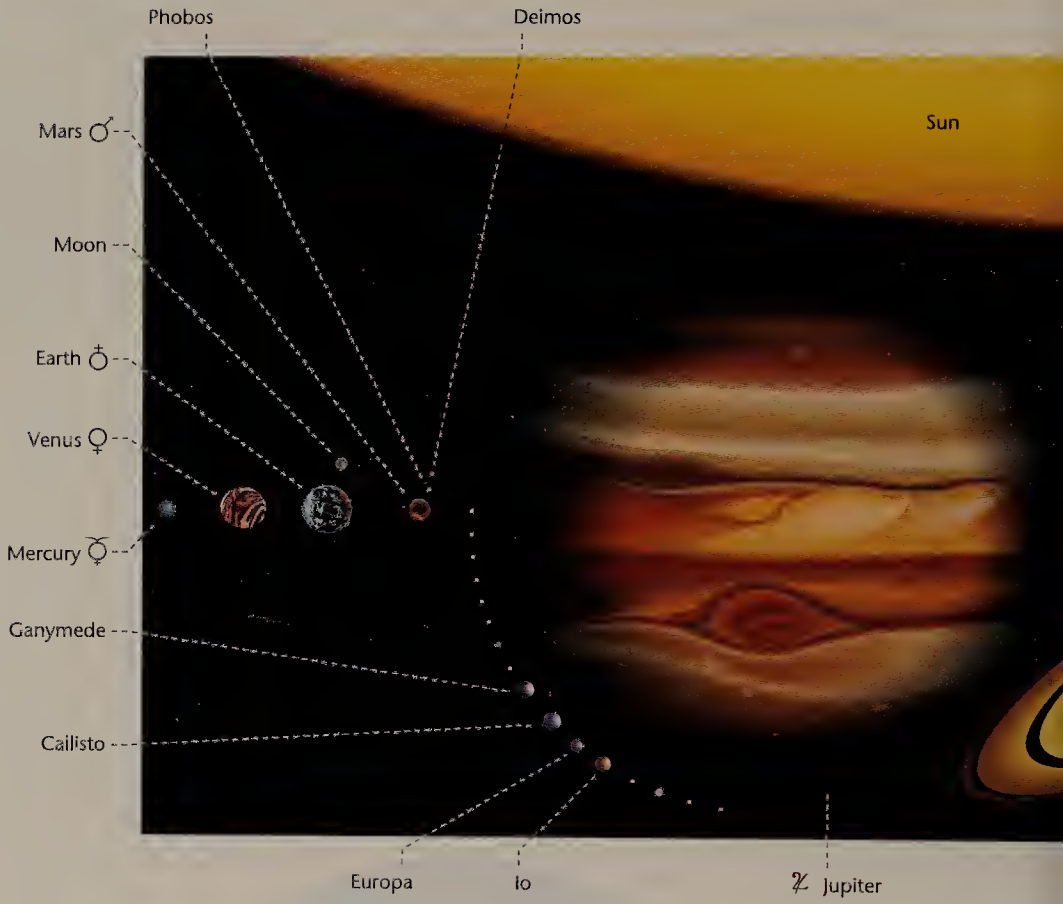


EARTH COORDINATE SYSTEM

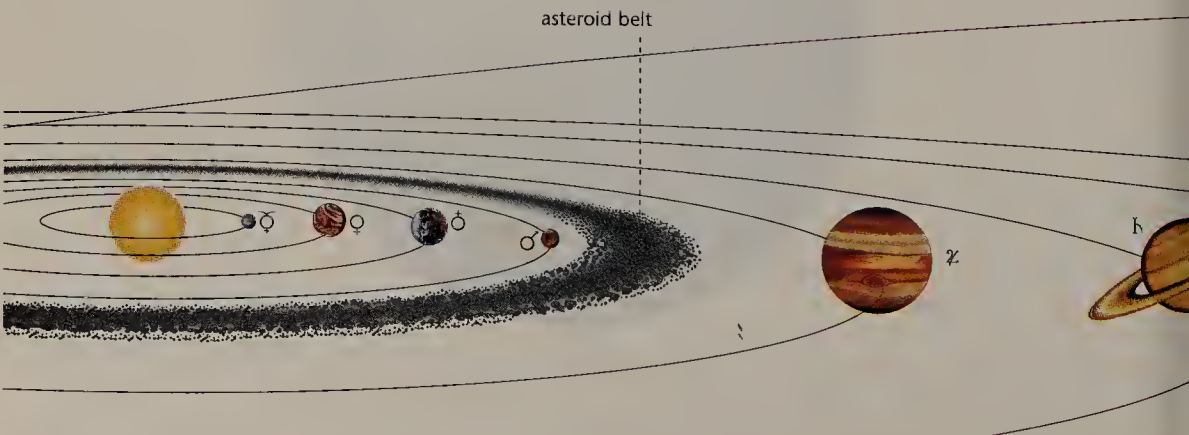


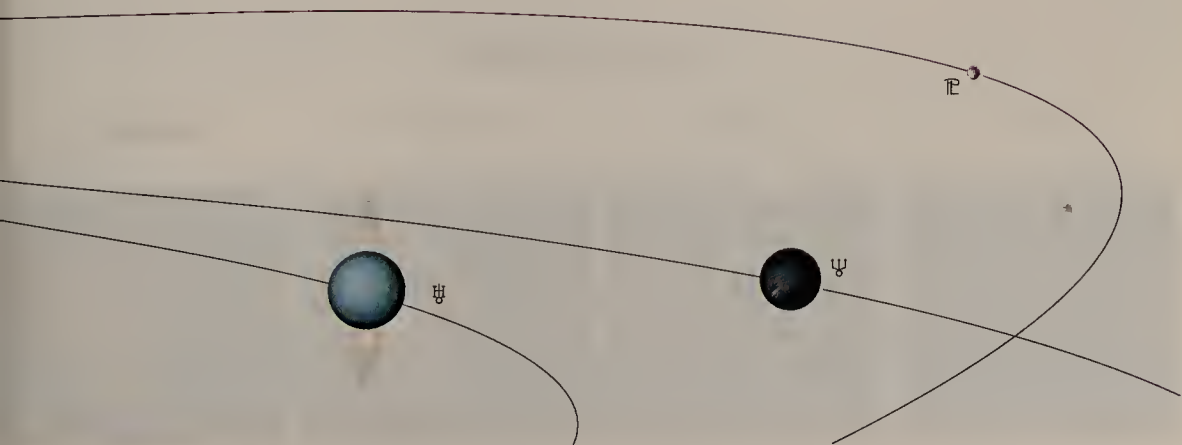
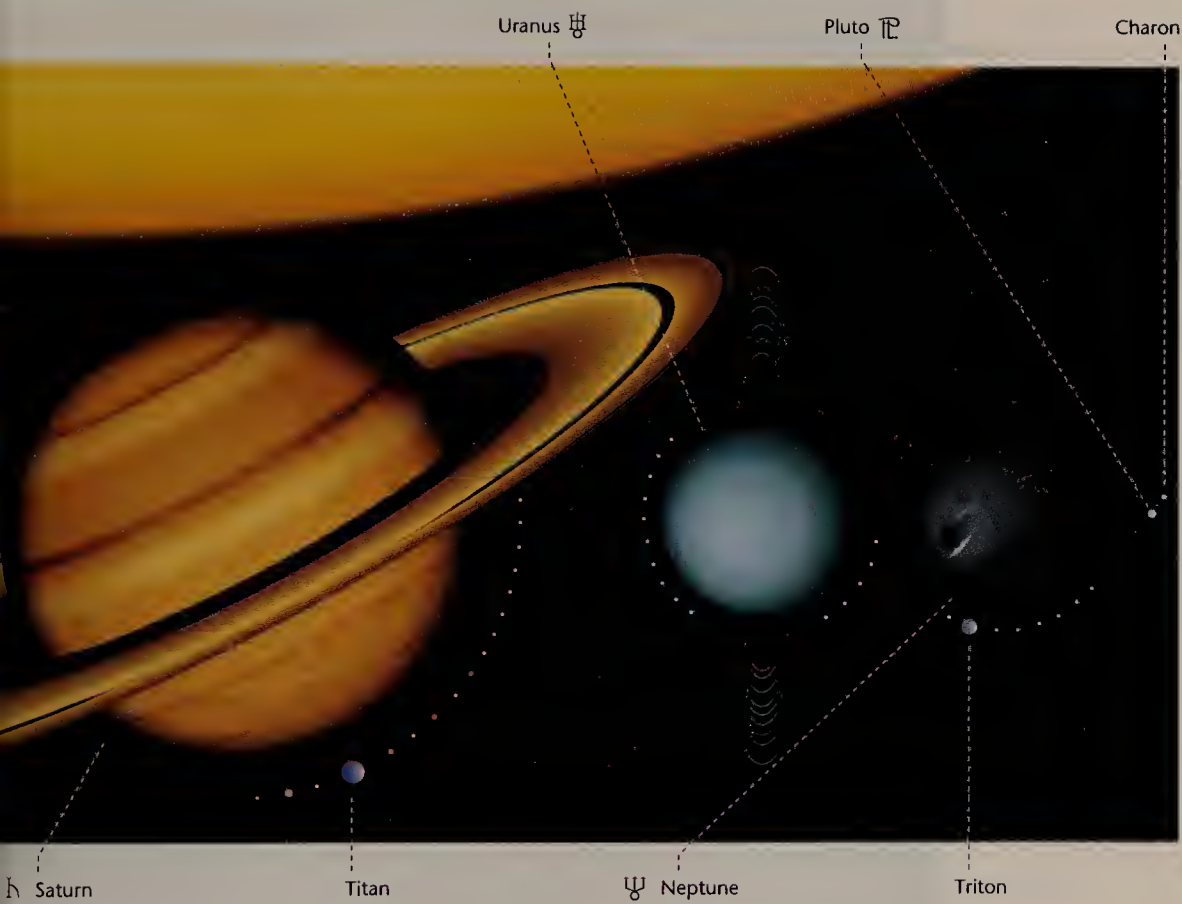
SOLAR SYSTEM

PLANETS AND MOONS



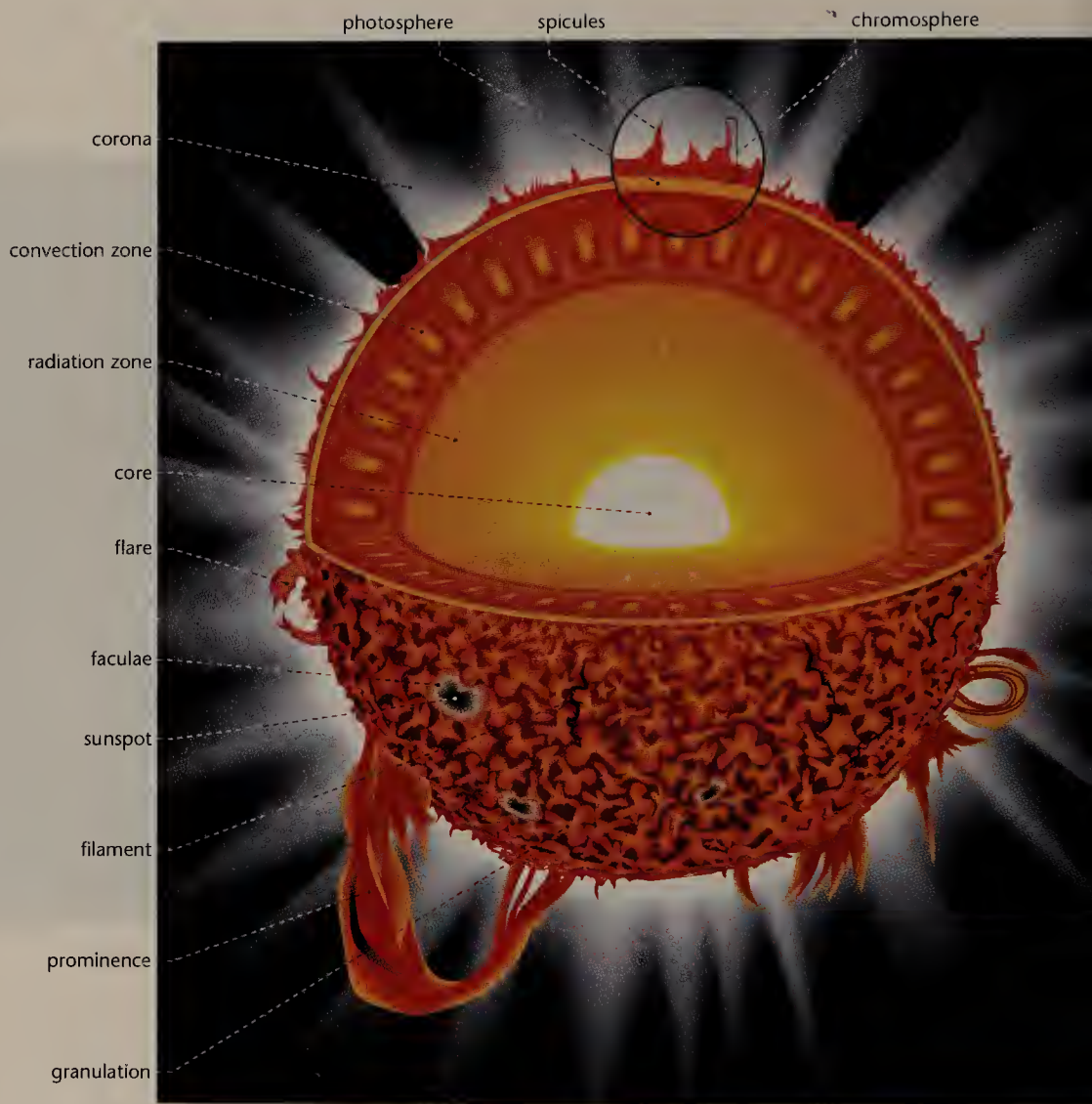
ORBITS OF THE PLANETS





SUN

STRUCTURE OF THE SUN



PHASES OF THE MOON

new moon

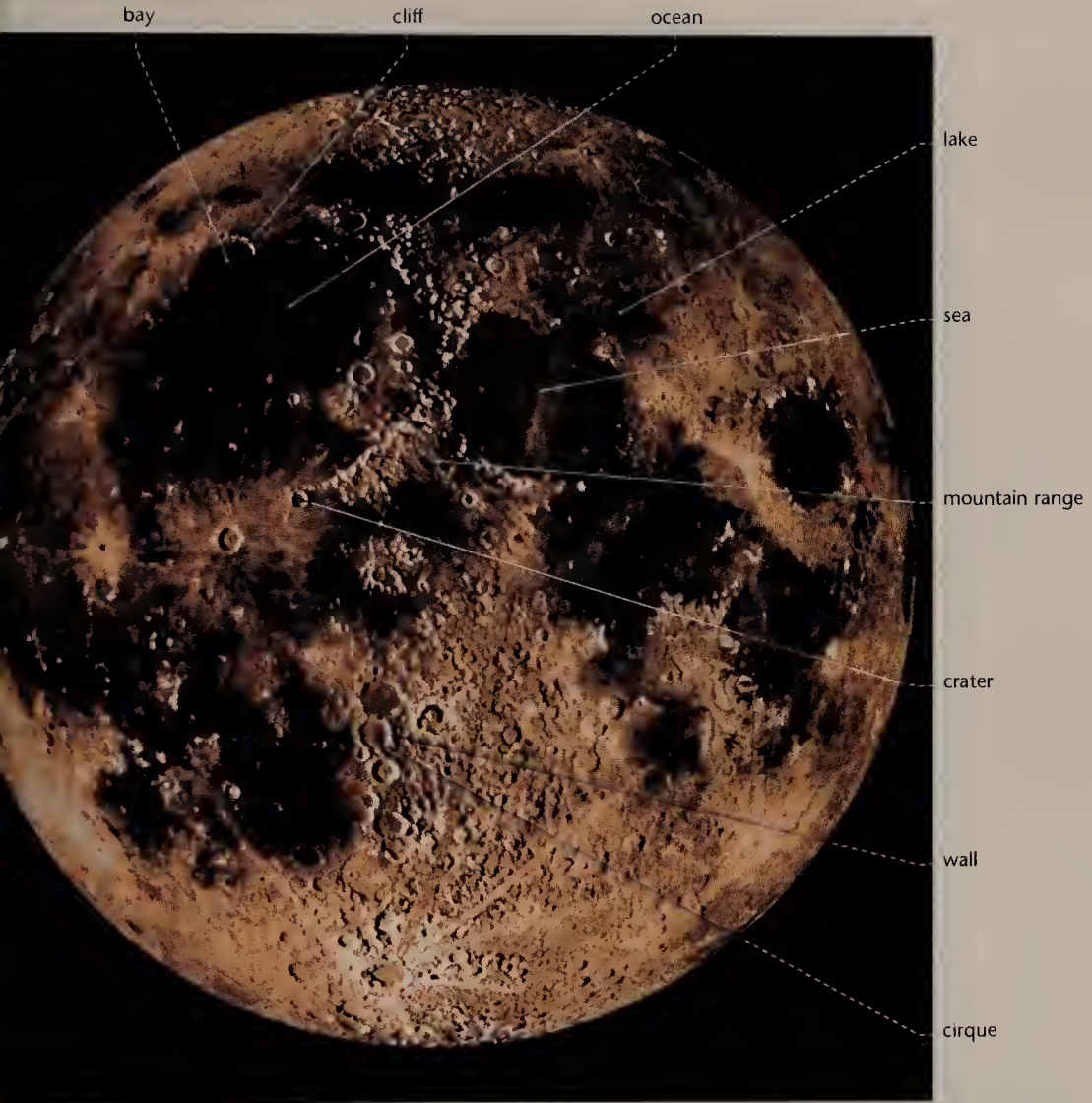
new crescent

first quarter

waxing gibbous



LUNAR FEATURES

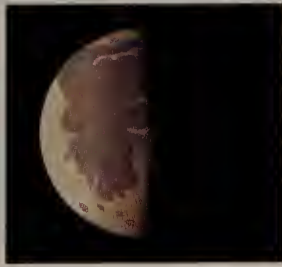


full moon

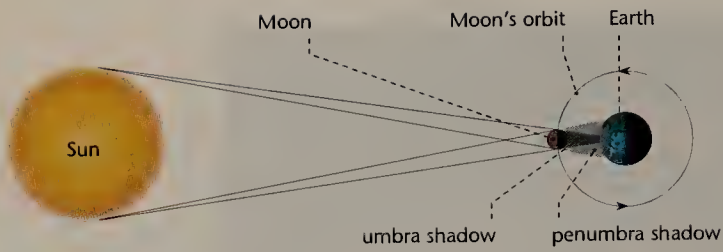
waning gibbous

last quarter


old crescent




SOLAR ECLIPSE



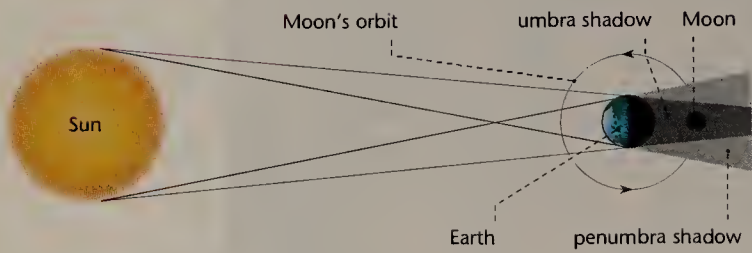
TYPES OF ECLIPSES

total eclipse 


annular eclipse 

partial eclipse 

LUNAR ECLIPSE

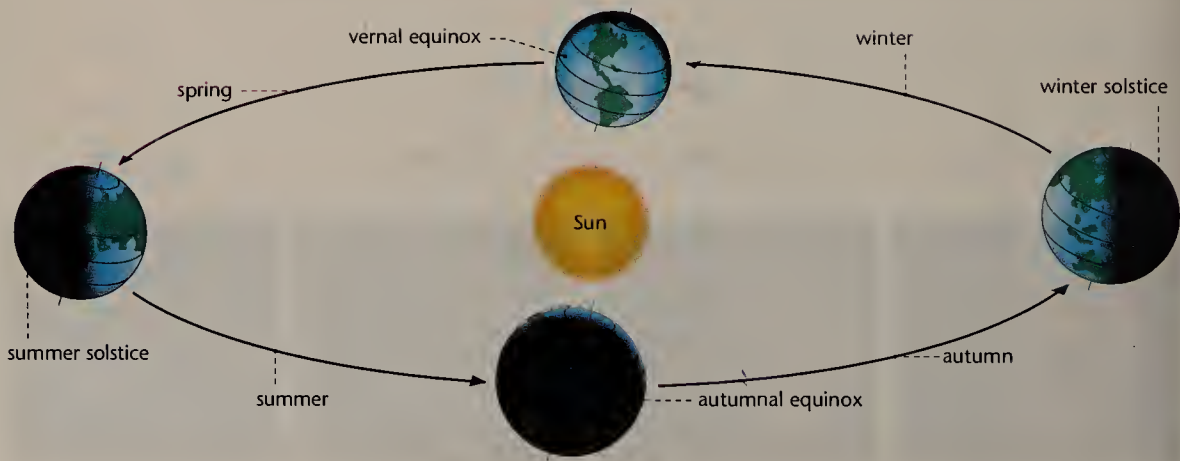


TYPES OF ECLIPSES

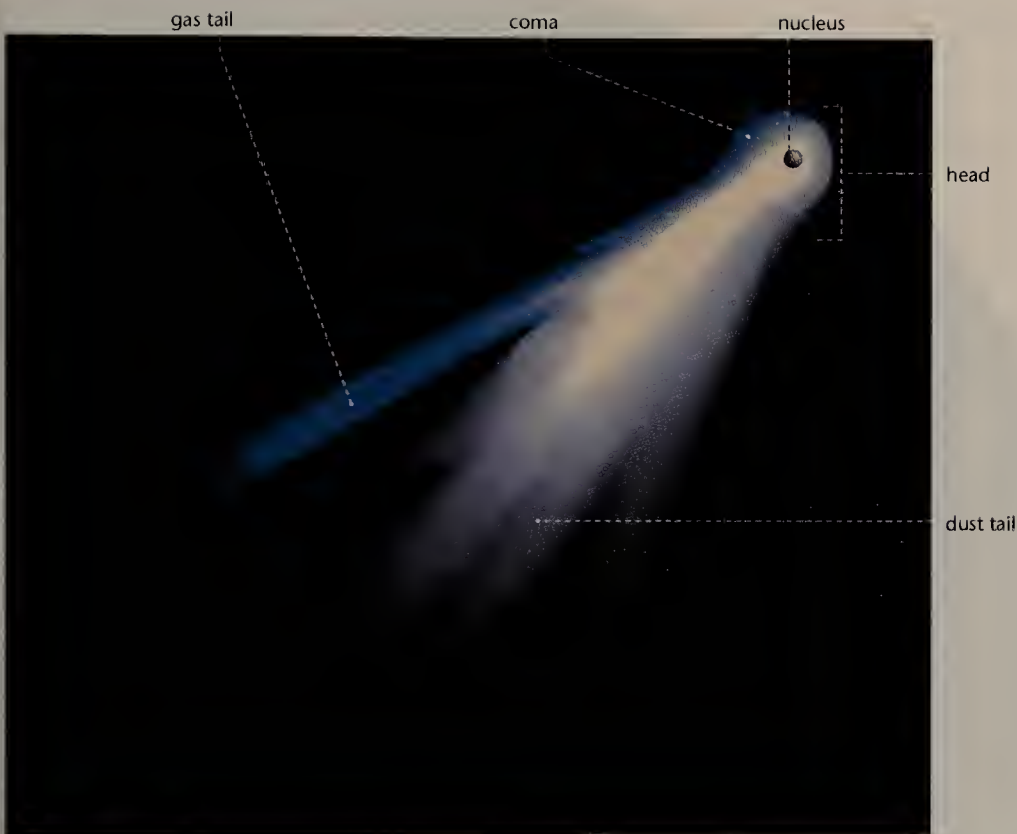
partial eclipse 

total eclipse 

SEASONS OF THE YEAR

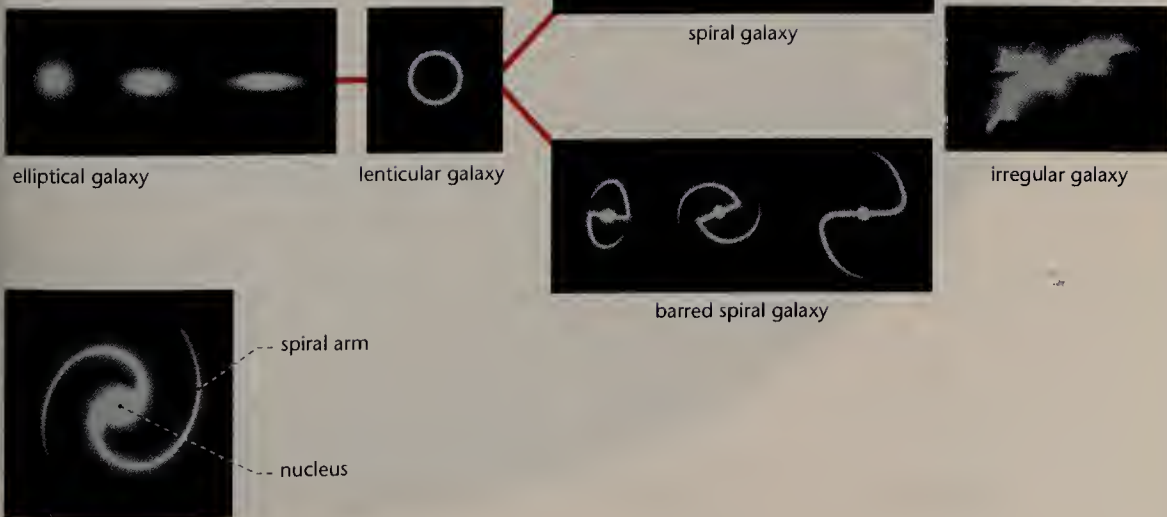


COMET

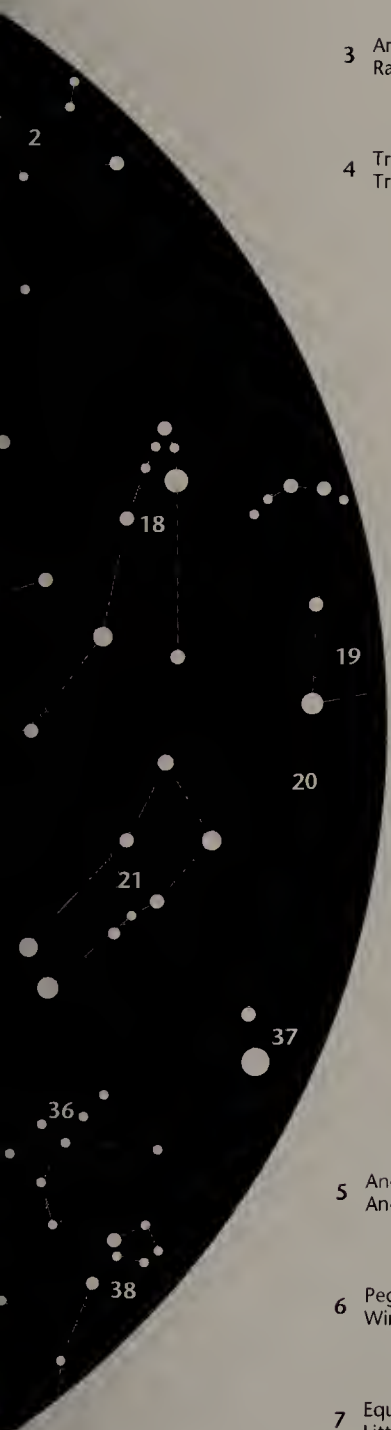


GALAXY

HUBBLE'S CLASSIFICATION







- | | | |
|----------------------------|------------------------------------|--------------------------------------|
| 1 Pisces
Fishes | 9 Aquila
Eagle | 25 Draco
Dragon |
| 2 Cetus
Whale | 10 Sagitta
Arrow | 26 Lyra
Lyre |
| 3 Aries
Ram | 11 Cygnus
Swan | 27 Hercules
Hercules |
| 4 Triangulum
Triangle | 12 Lacerta
Lizard | 28 Ophiuchus
Serpent Bearer |
| | 13 Cepheus
King | 29 Serpens
Serpent |
| | 14 Cassiopeia
Lady in the Chair | 30 Corona Borealis
Northern Crown |
| | 15 Camelopardus
Giraffe | 31 Bootes
Herdsman |
| | 16 Perseus
Perseus | 32 Coma Berenices
Berenice's Hair |
| | 17 Auriga
Charioteer | 33 Canes Venatici
Hunting Dogs |
| | 18 Taurus
Bull | 34 Ursa Major
Great Bear |
| | 19 Orion
Hunter | 35 Leo Minor
Little Lion |
| | 20 The Milky Way | 36 Cancer
Crab |
| 5 Andromeda
Andromeda | 21 Gemini
Twins | 37 Canis Minor
Little Dog |
| 6 Pegasus
Winged Horse | 22 Lynx
Lynx | 38 Hydra
Water Snake |
| 7 Equuleus
Little Horse | 23 Polaris
North Star | 39 Leo
Lion |
| 8 Delphinus
Dolphin | 24 Ursa Minor
Little Bear | 40 Virgo
Virgin |

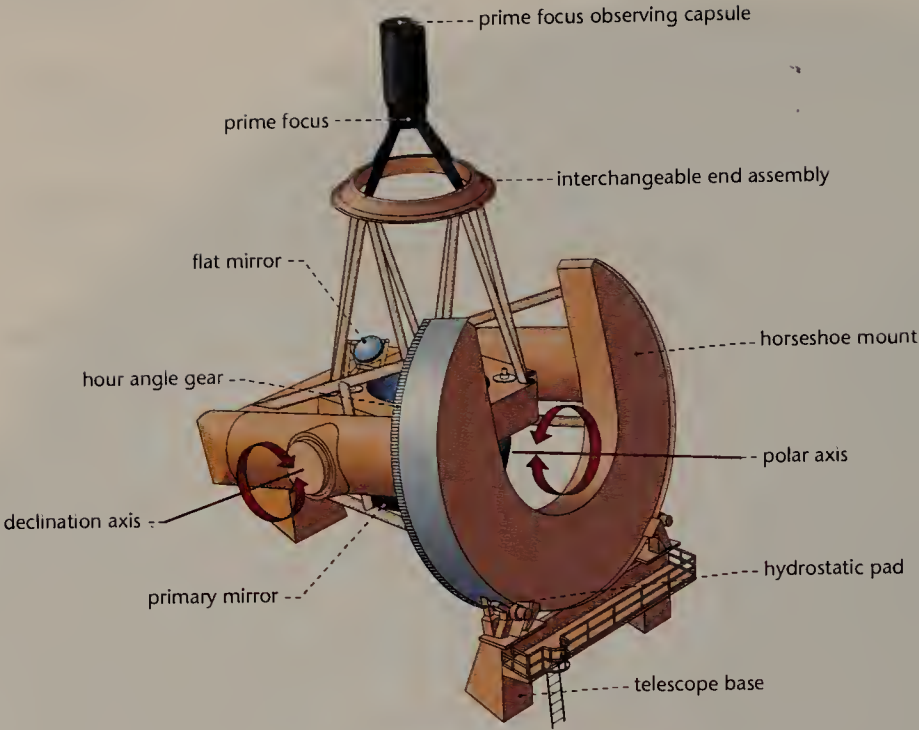
CONSTELLATIONS OF THE SOUTHERN HEMISPHERE



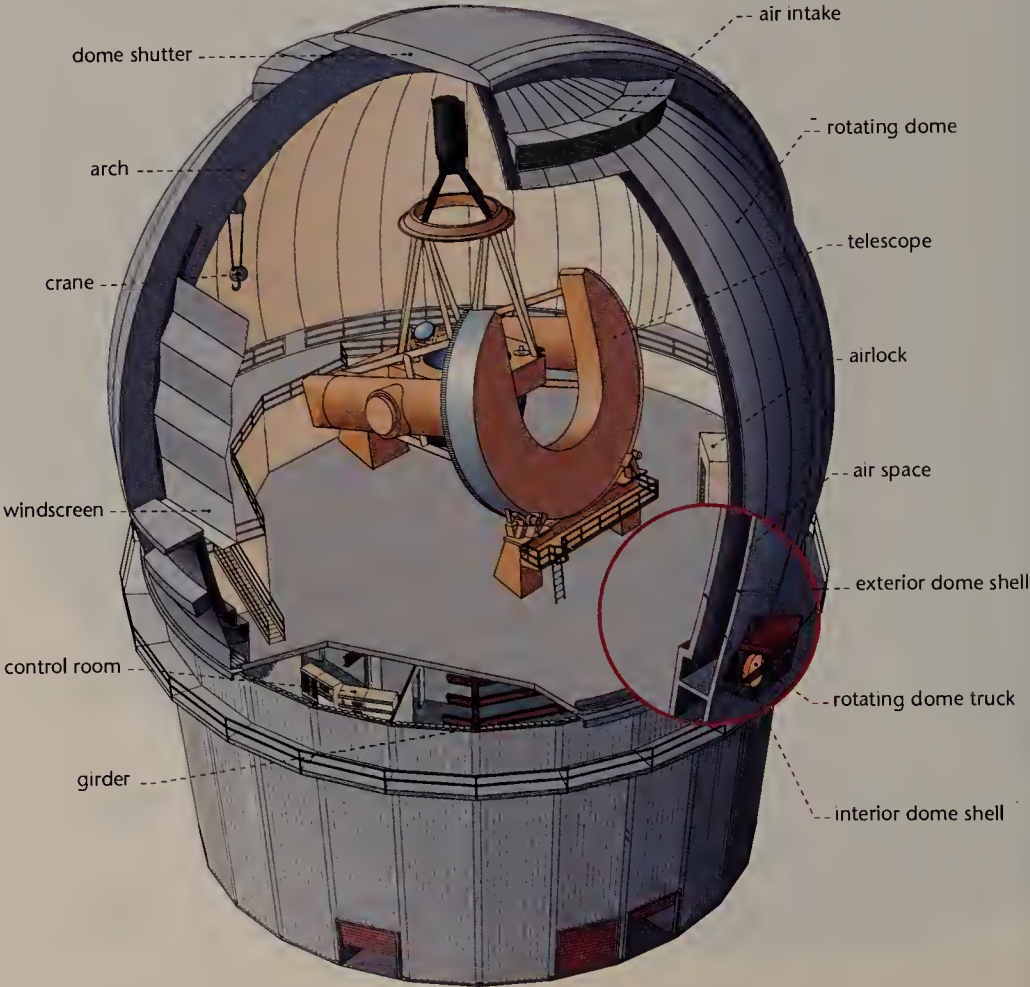
- 
- 1 Cetus
Whale
 - 2 Aquarius
Water Bearer
 - 3 Capricornus
Goat
 - 4 Piscis Austrinus
Southern Fish
 - 5 Grus
Crane
 - 6 Phoenix
Phoenix
 - 7 Fornax
Furnace
 - 8 Eridanus
River Eridanus
 - 9 Orion
Hunter
 - 10 Lepus
Hare
 - 11 Caelum
Chisel
 - 12 Dorado
Swordfish
 - 13 Reticulum
Net
 - 14 Hydrus
Sea-Serpent
 - 15 Tucana
Toucan
 - 16 Pavo
Peacock
 - 17 Indus
Indian
 - 18 Corona Australis
Southern Crown
 - 19 Sagittarius
Archer
 - 20 Serpens
Serpent
 - 21 Scorpius
Scorpion
 - 22 Ara
Altar
 - 23 Triangulum Australe
Southern Triangle
 - 24 Apus
Bird of Paradise
 - 25 Musca
Fly
 - 26 Chamaeleon
Chameleon
 - 27 Volans
Flying Fish
 - 28 Pictor
Painter's Easel
 - 29 Columba
Dove
 - 30 Canis Major
Great Dog
 - 31 Puppis
Ship's Stern
 - 32 Pyxis
Ship's Compass
 - 33 Carina
Ship's Keel
 - 34 Vela
Ship's Sails
 - 35 Crux
Southern Cross
 - 36 Centaurus
Centaur
 - 37 Ophiuchus
Serpent Bearer
 - 38 Libra
Scales
 - 39 Hydra
Water Snake
 - 40 Corvus
Crow
 - 41 Virgo
Virgin
 - 42 Crater
Cup
 - 43 Sextans
Sextant

ASTRONOMICAL OBSERVATORY

TELESCOPE

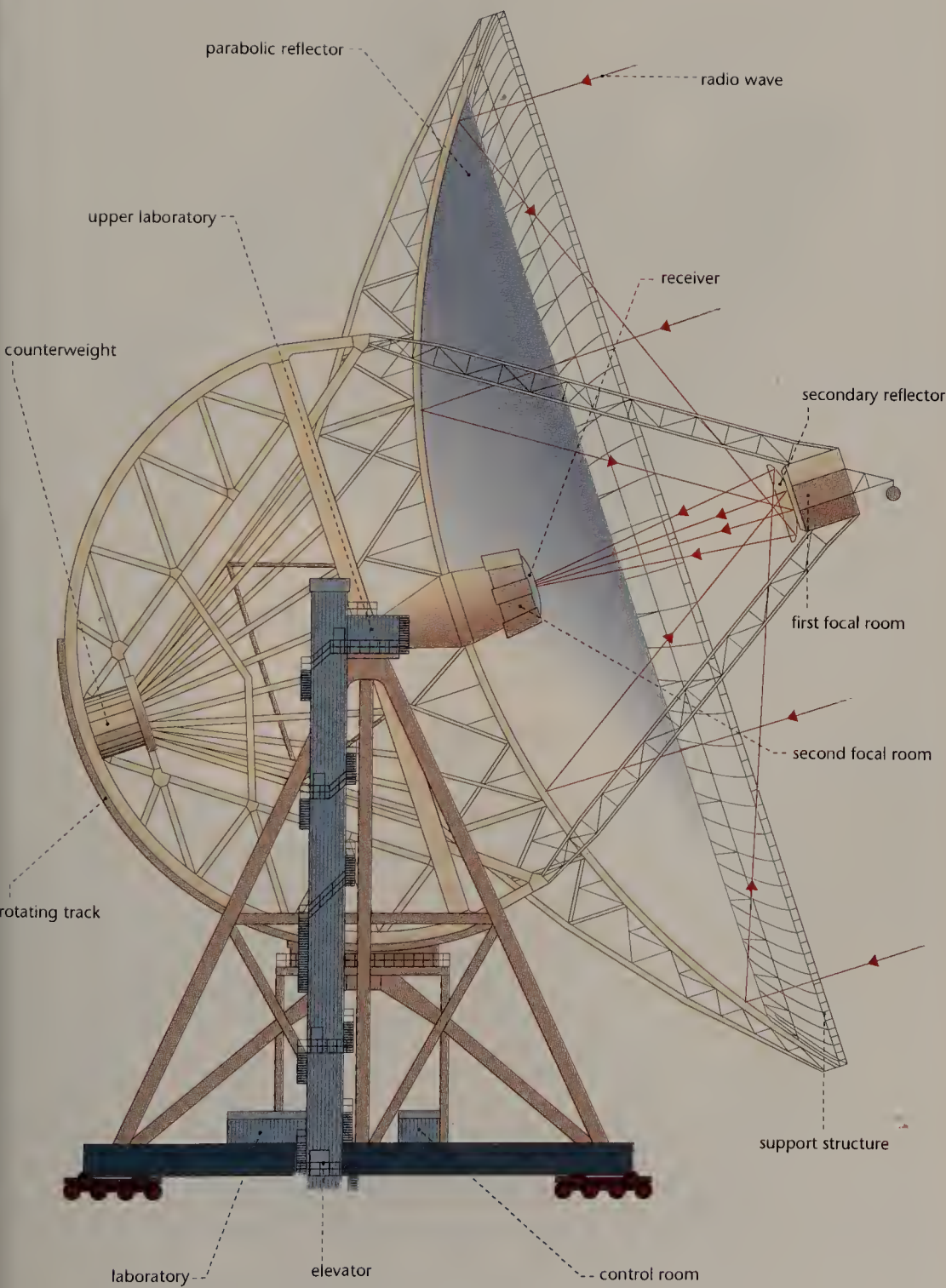


OBSERVATORY

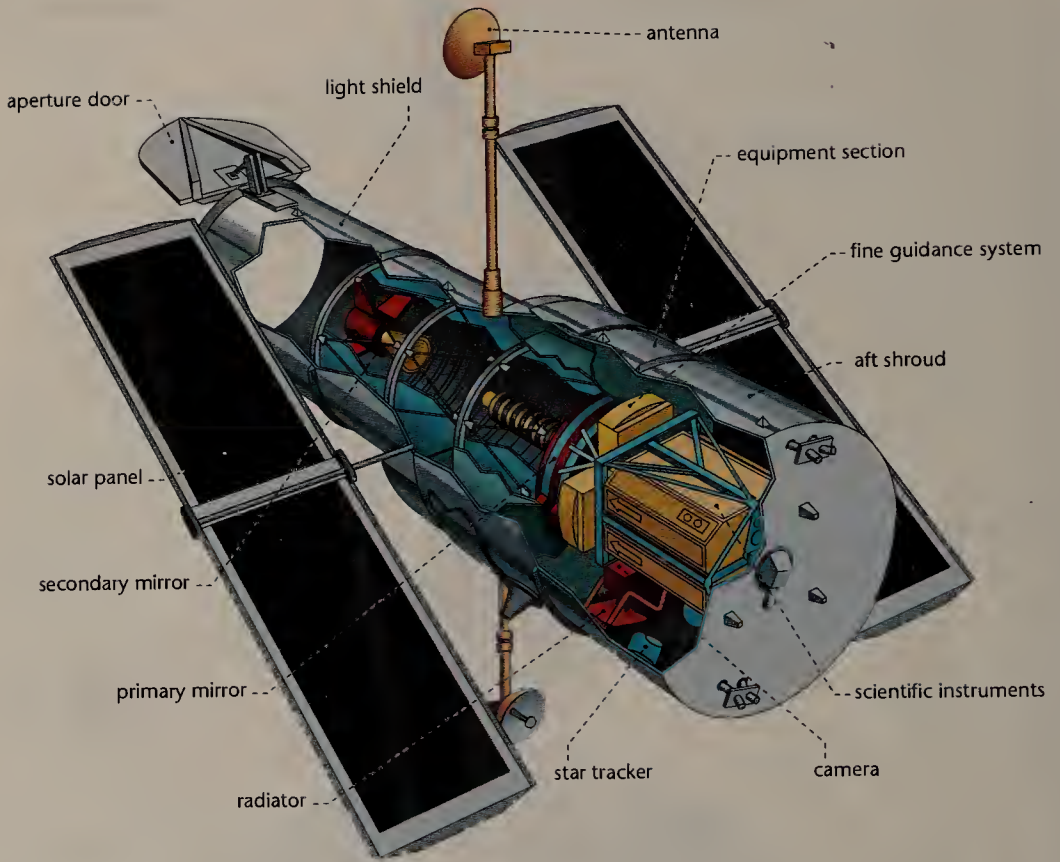


RADIO TELESCOPE

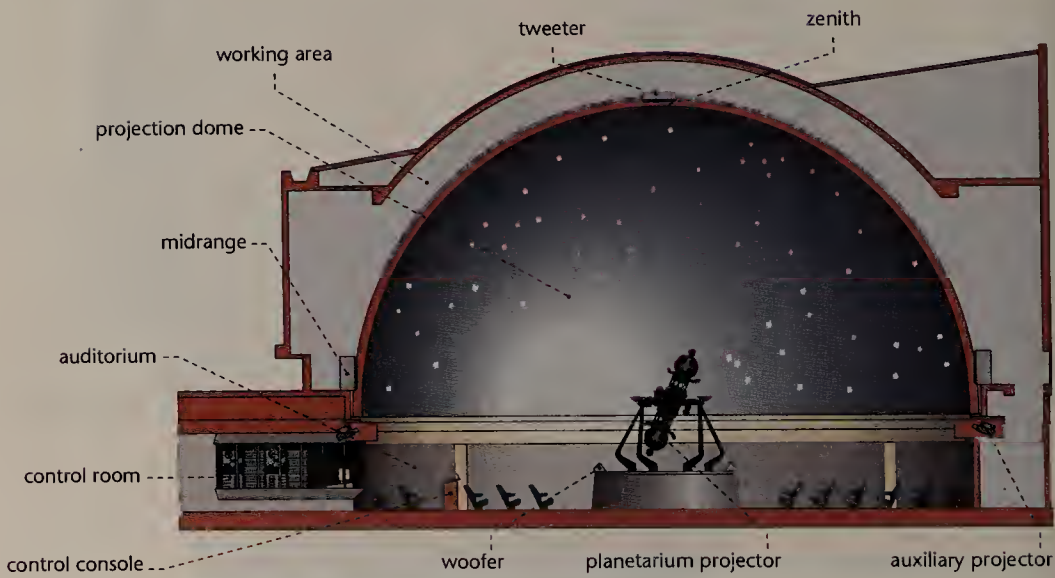
ALTAZIMUTH MOUNTING

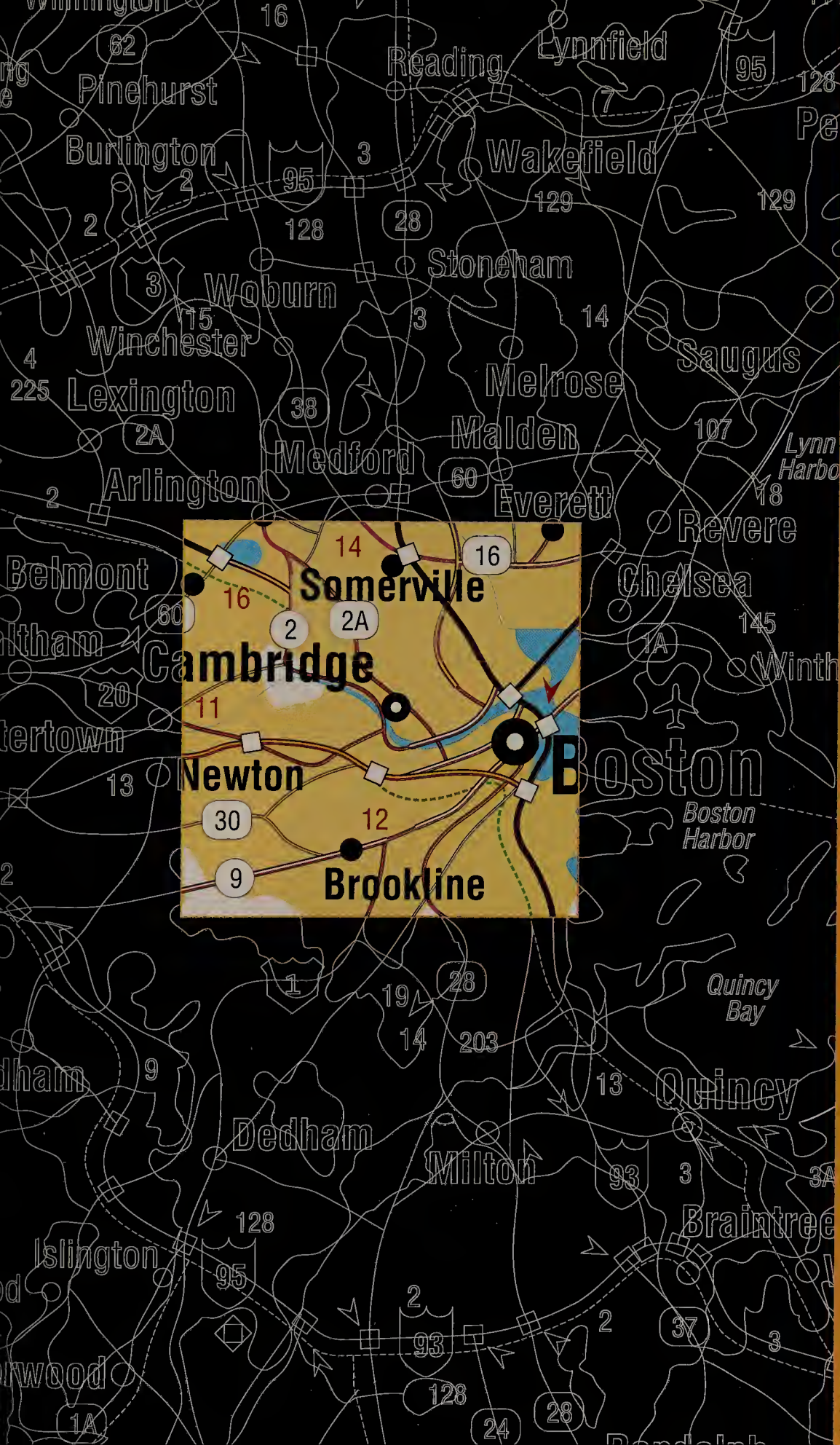


HUBBLE SPACE TELESCOPE



PLANETARIUM

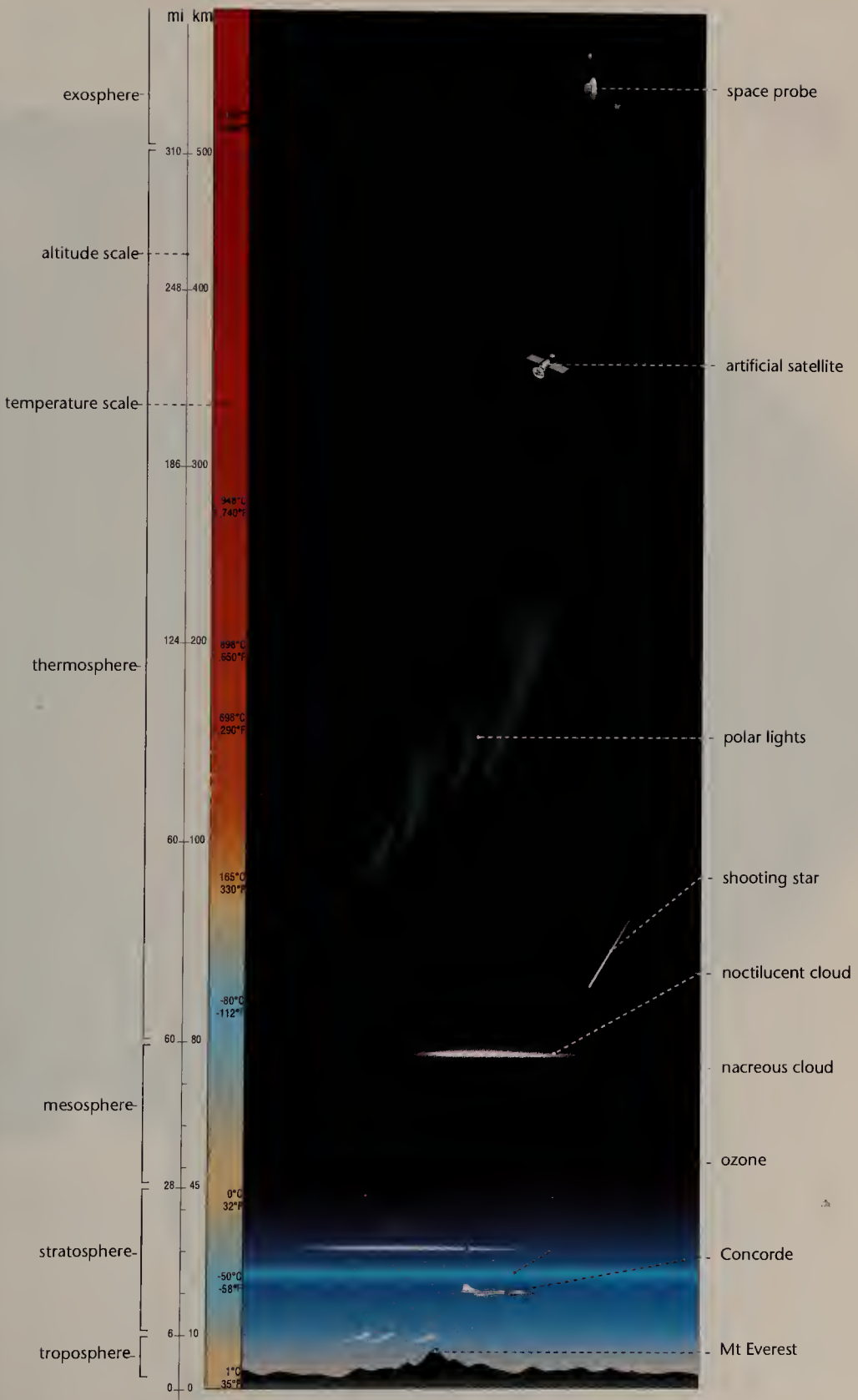




CONTENTS

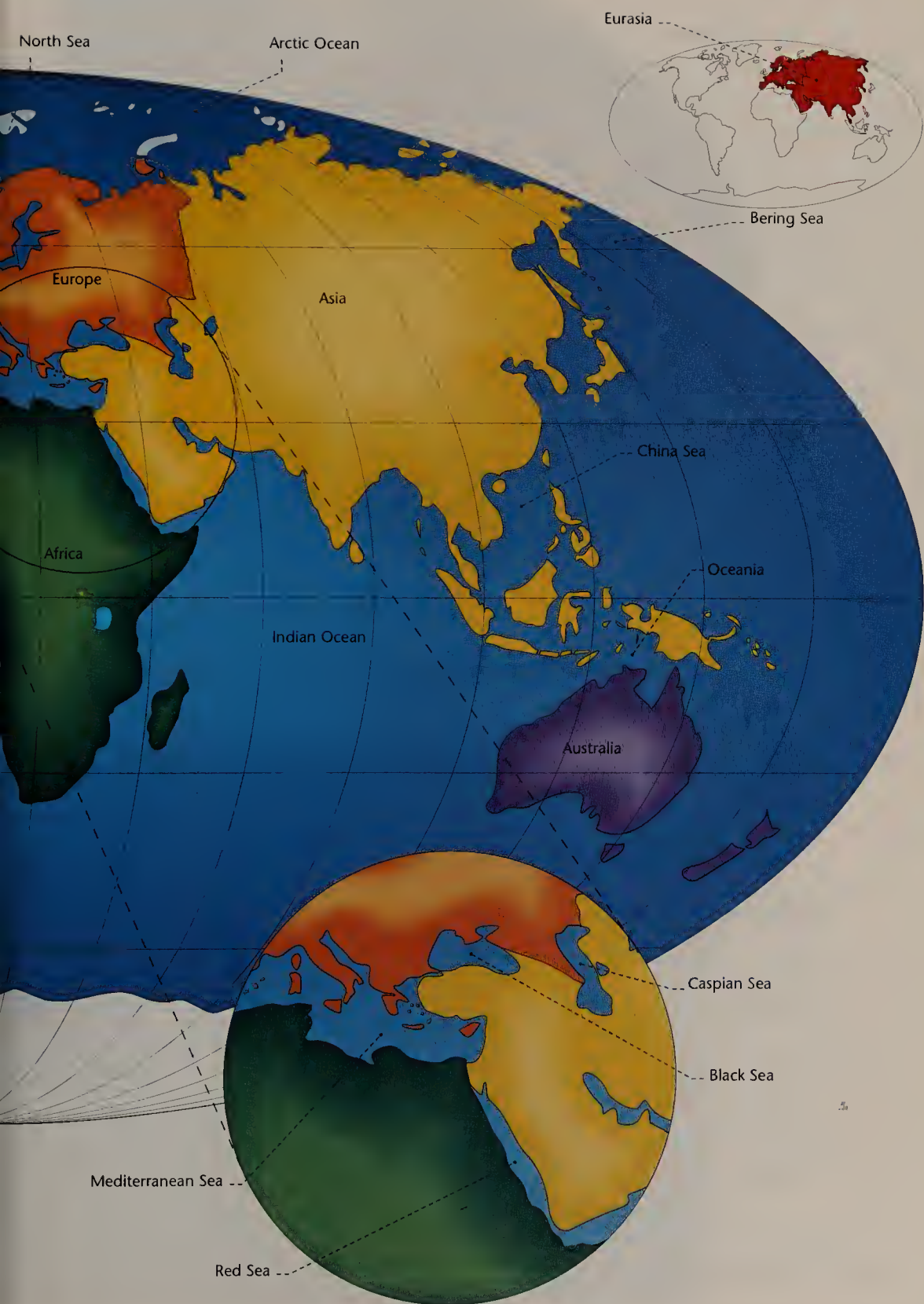
PROFILE OF THE EARTH'S ATMOSPHERE	19
CONFIGURATION OF THE CONTINENTS	20
STRUCTURE OF THE EARTH	22
SECTION OF THE EARTH'S CRUST	22
EARTHQUAKE	23
CAVE	24
VOLCANO	25
GLACIER	26
MOUNTAIN	27
OCEAN FLOOR	28
WAVE	30
COMMON COASTAL FEATURES	30
ECOLOGY	31
PRECIPITATIONS	36
METEOROLOGY	38
INTERNATIONAL WEATHER SYMBOLS	39
METEOROLOGICAL MEASURING INSTRUMENTS	40
WEATHER SATELLITE	42
CLOUDS AND METEOROLOGICAL SYMBOLS	44
CLIMATES OF THE WORLD	45
DESERT	46
CARTOGRAPHY	47
REMOTE DETECTION SATELLITE	48
CARTOGRAPHY	50

PROFILE OF THE EARTH'S ATMOSPHERE

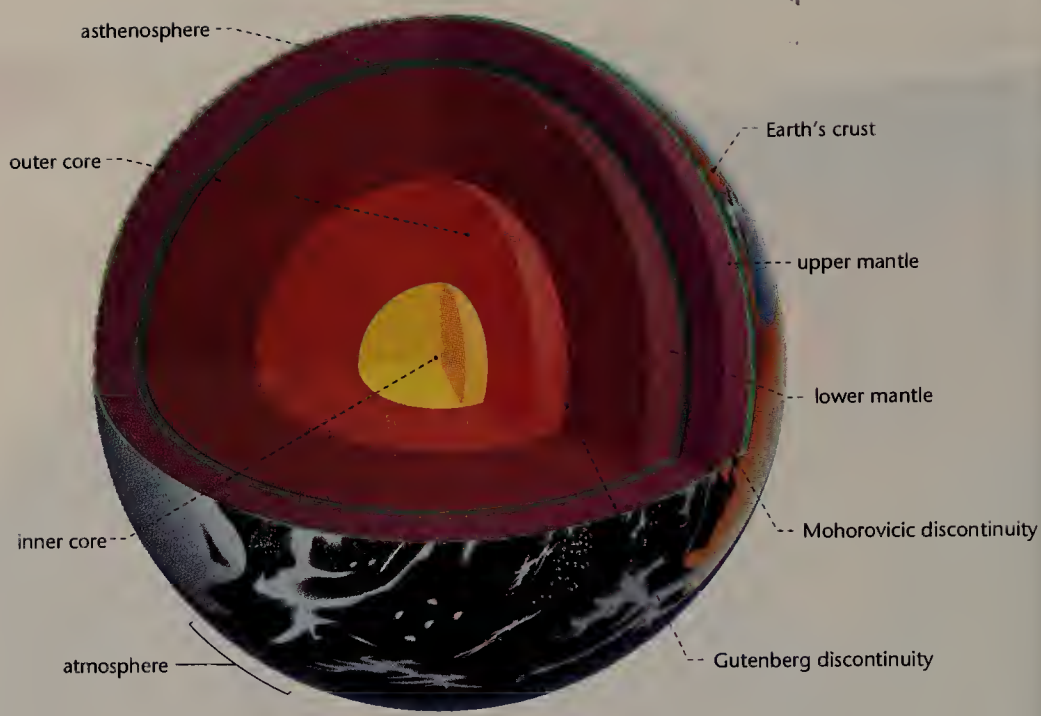


CONFIGURATION OF THE CONTINENTS

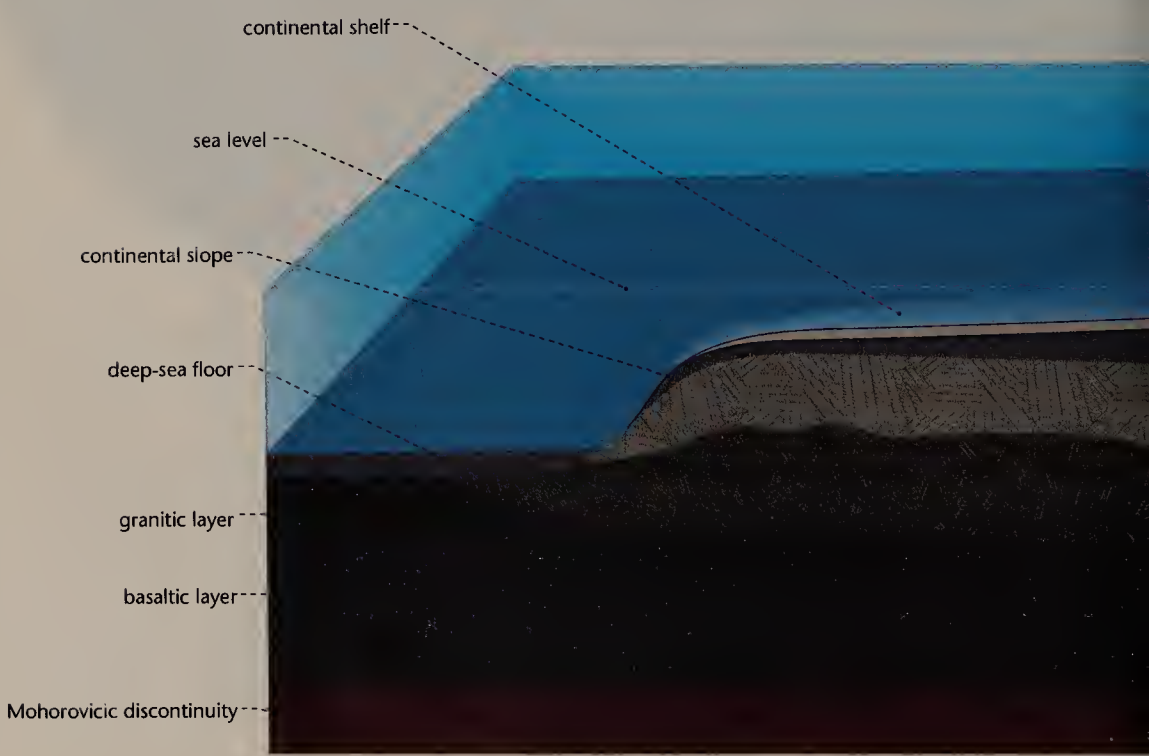


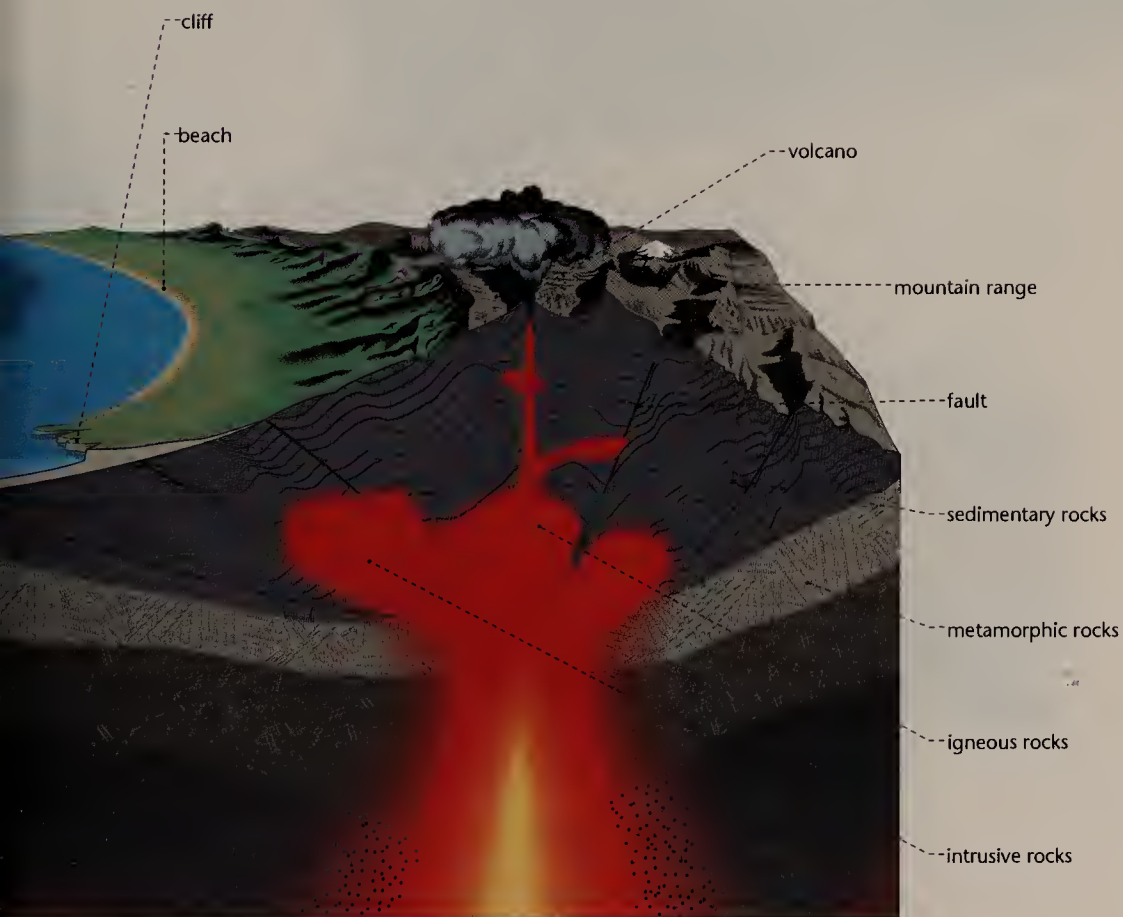
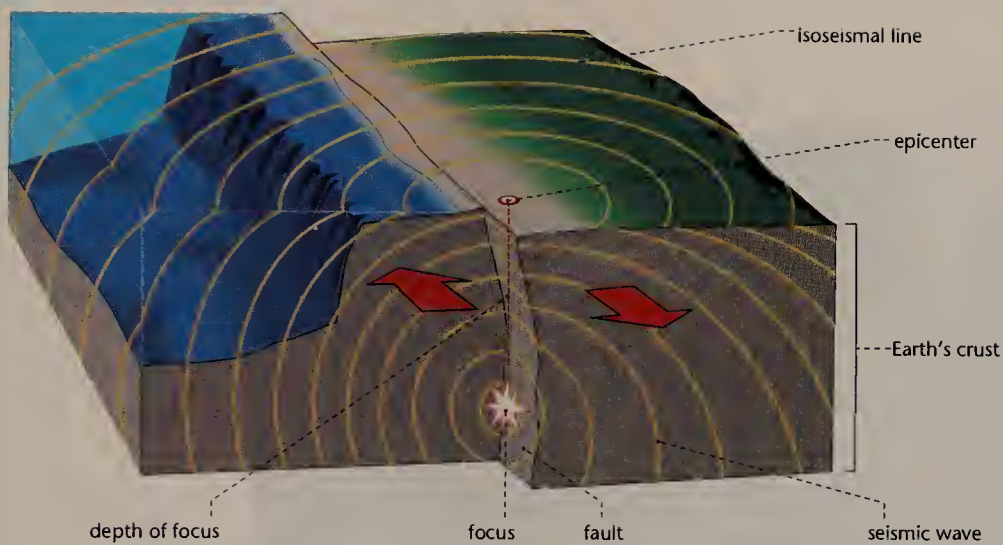


STRUCTURE OF THE EARTH

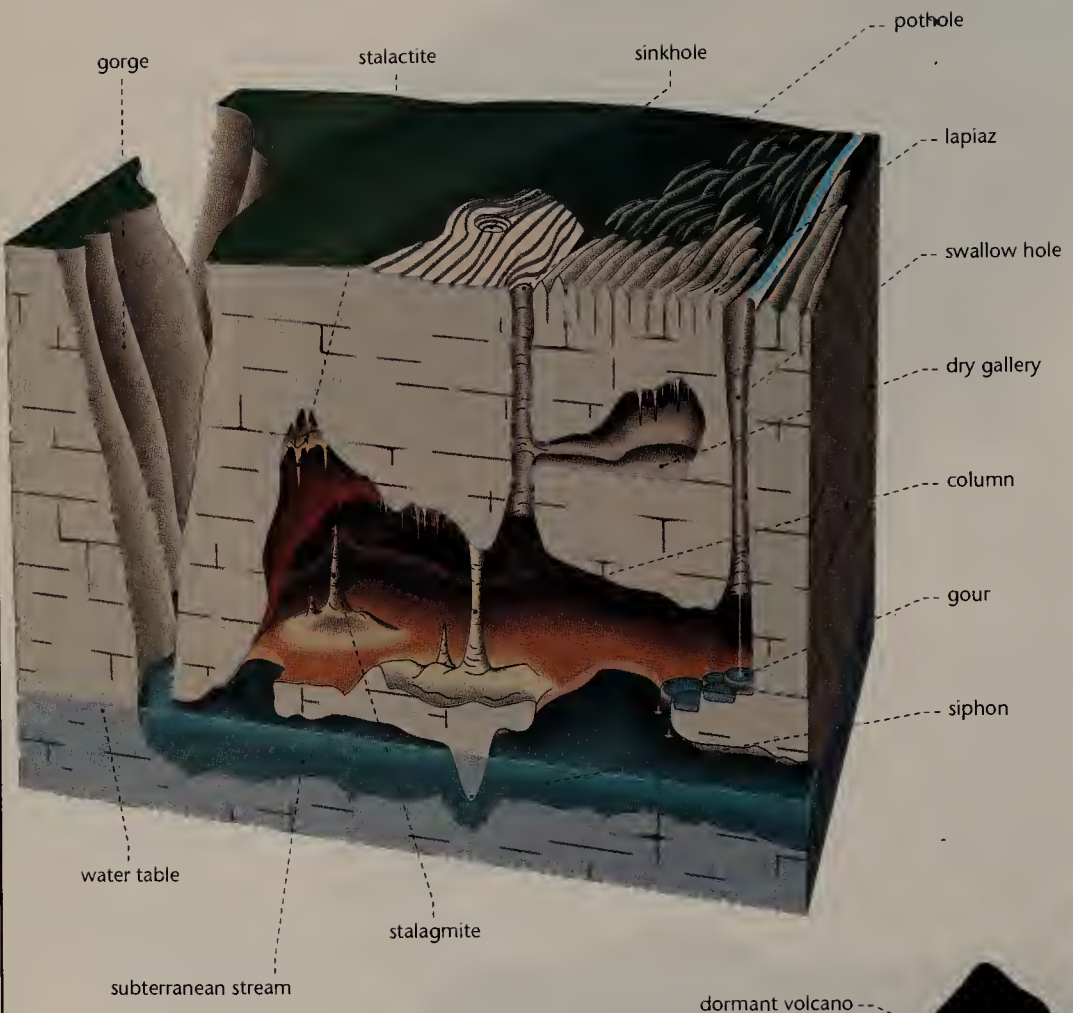


SECTION OF THE EARTH'S CRUST





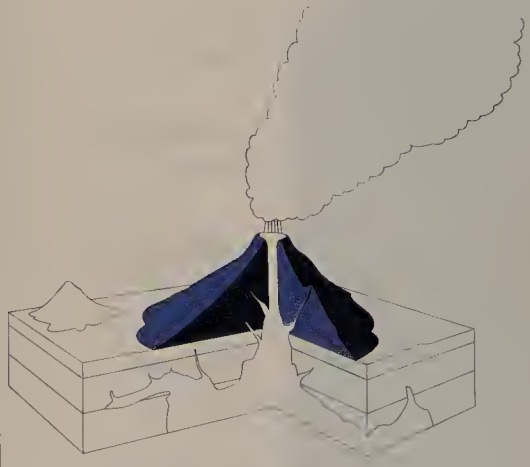
CAVE



dormant volcano

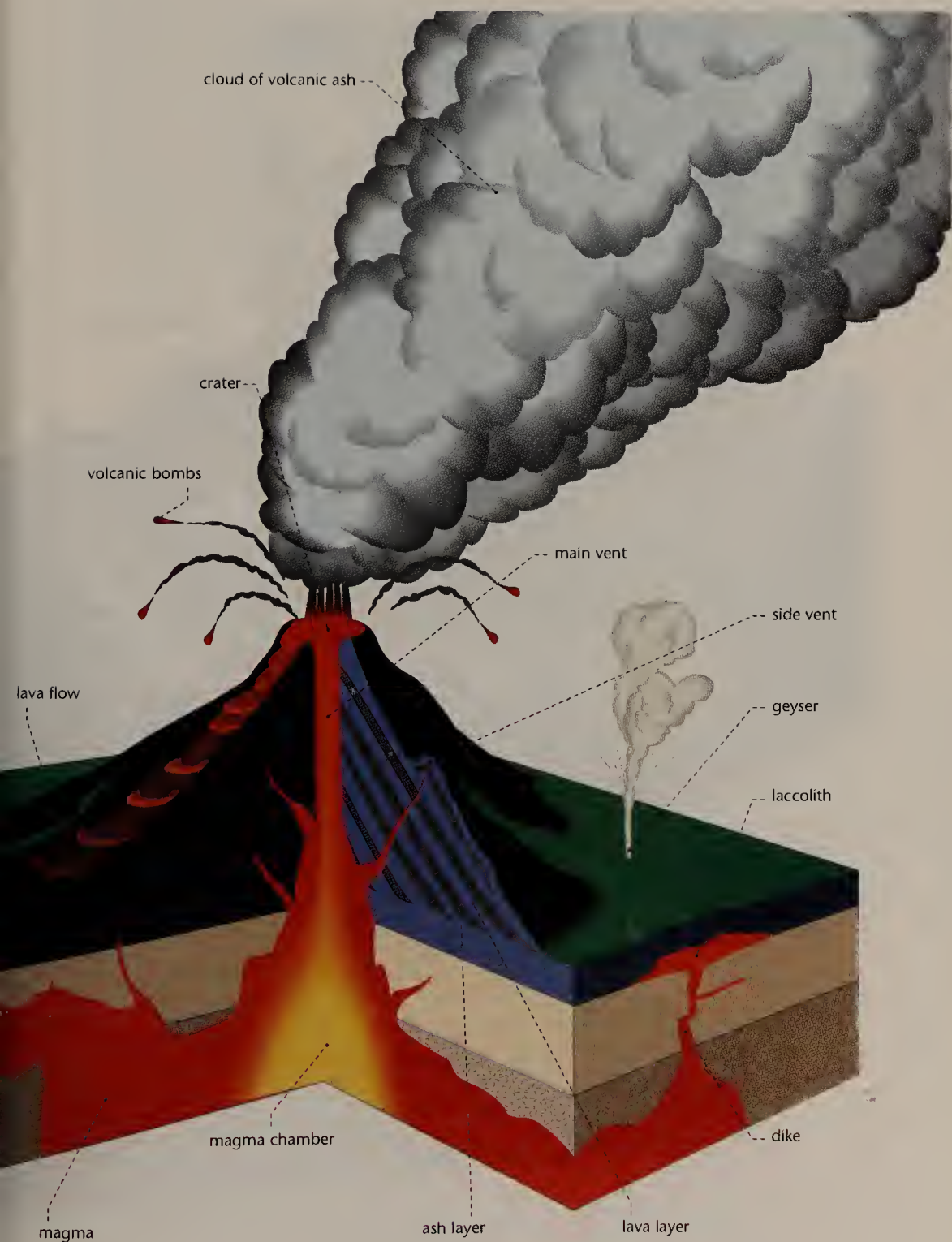
fumarole

sill

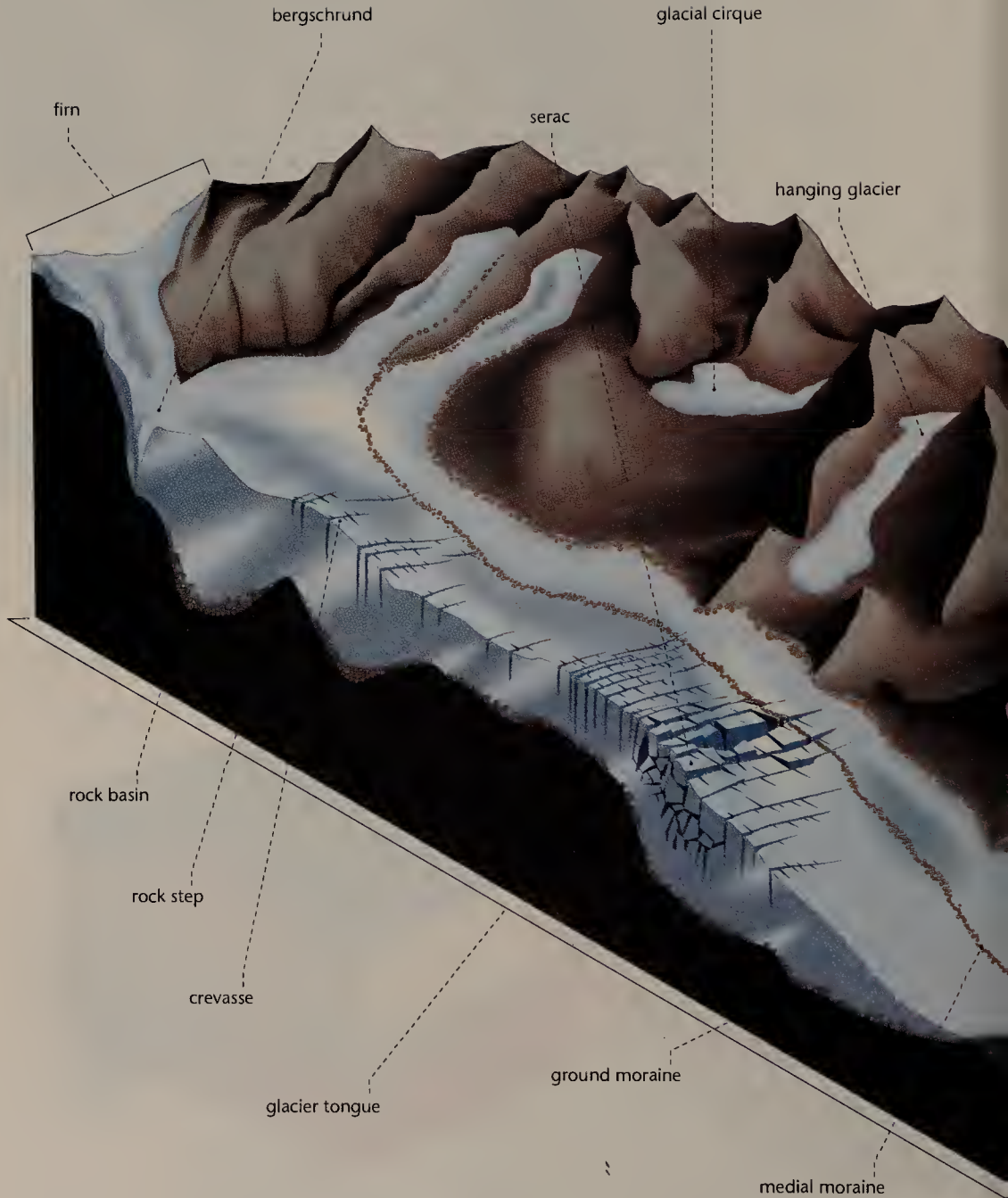


cone

VOLCANO DURING ERUPTION



GLACIER

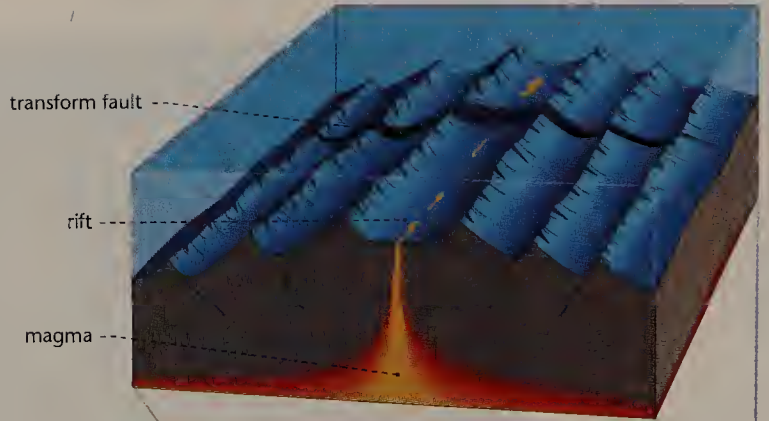


MOUNTAIN

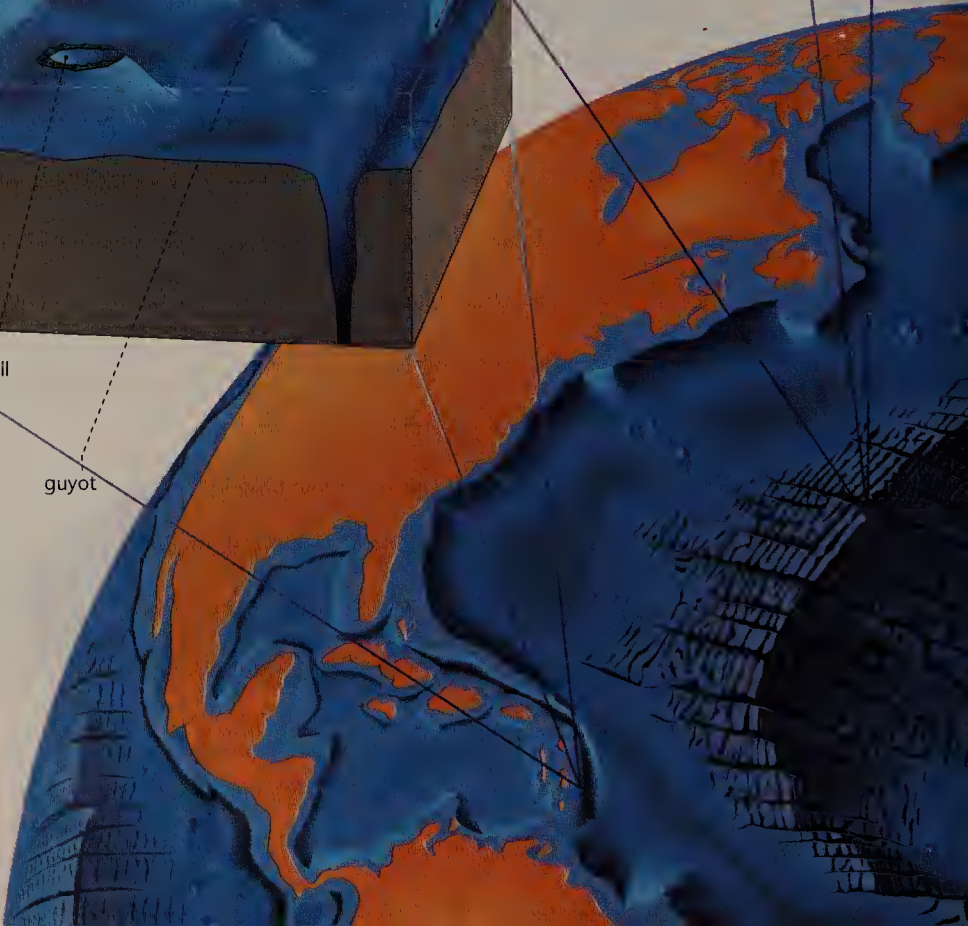
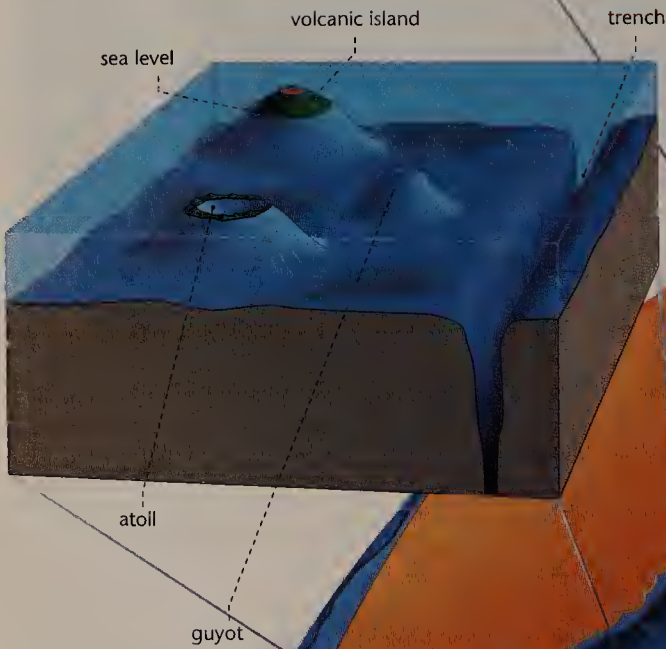


OCEAN FLOOR

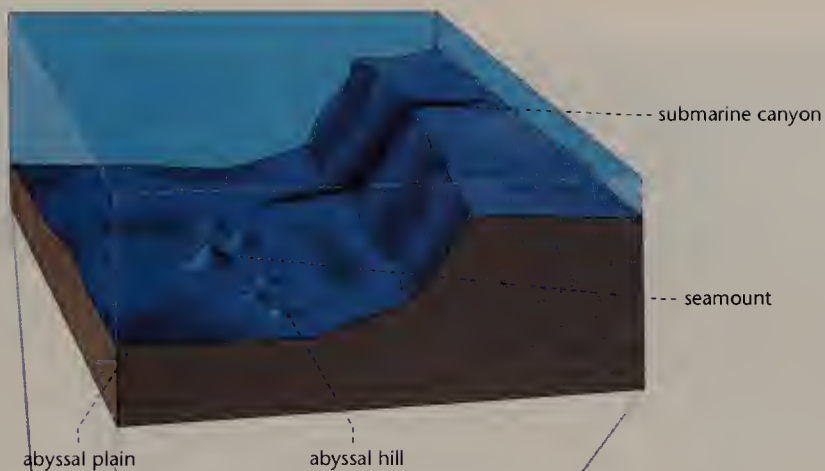
MID-OCEAN RIDGE



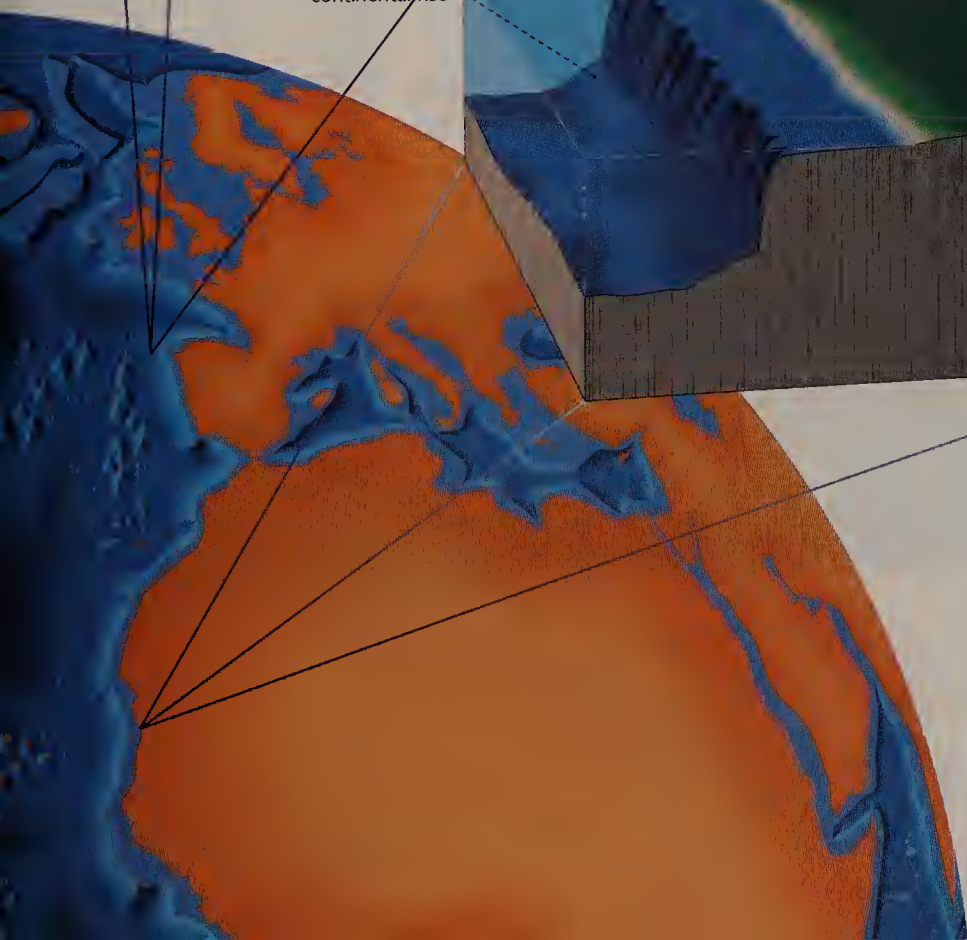
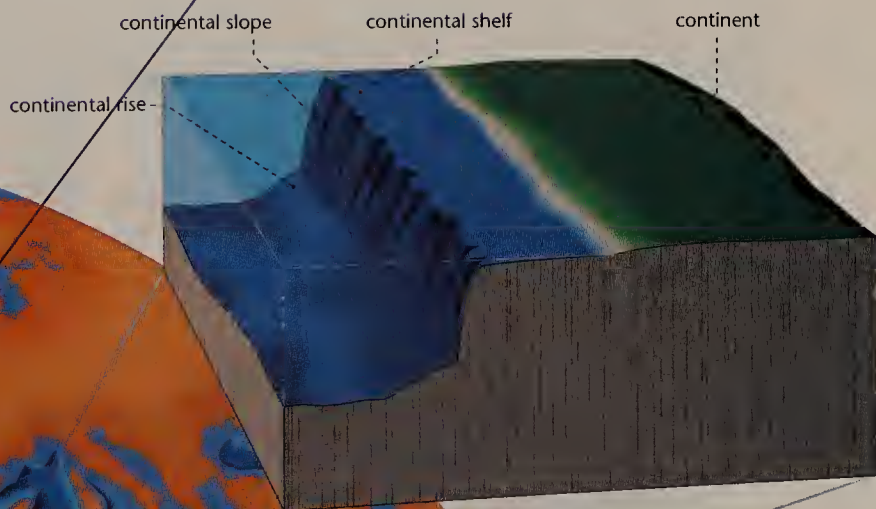
TOPOGRAPHIC FEATURES



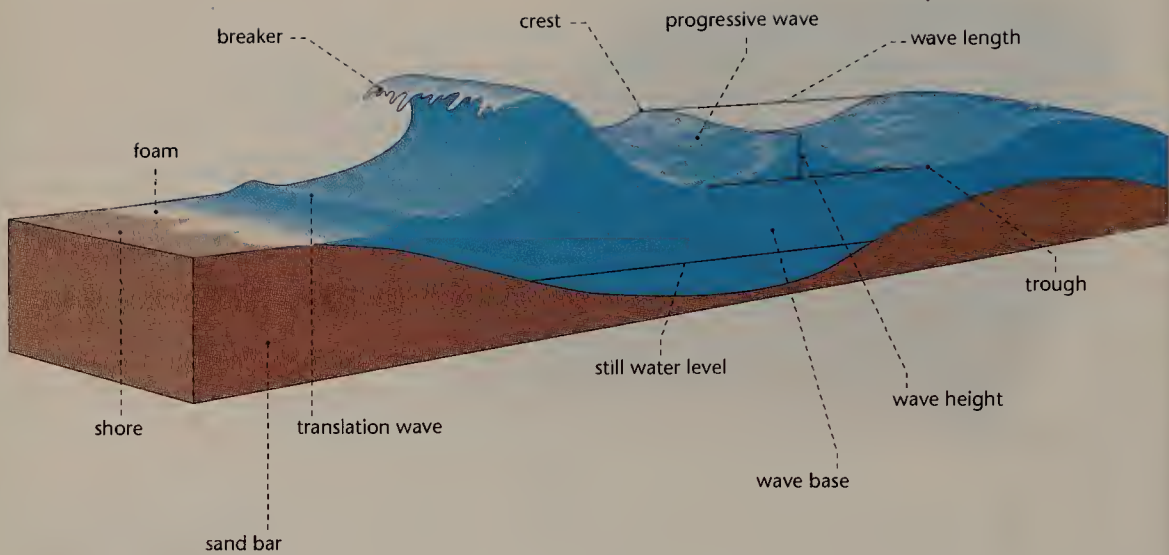
ABYSSAL PLAIN



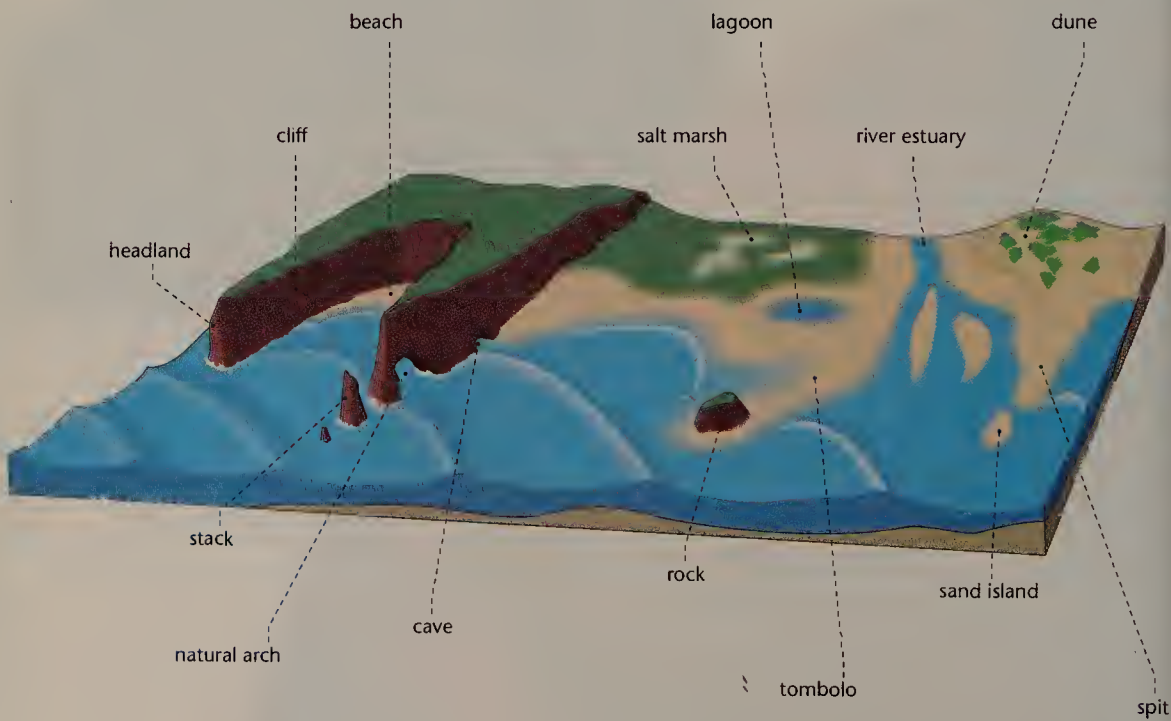
CONTINENTAL MARGIN



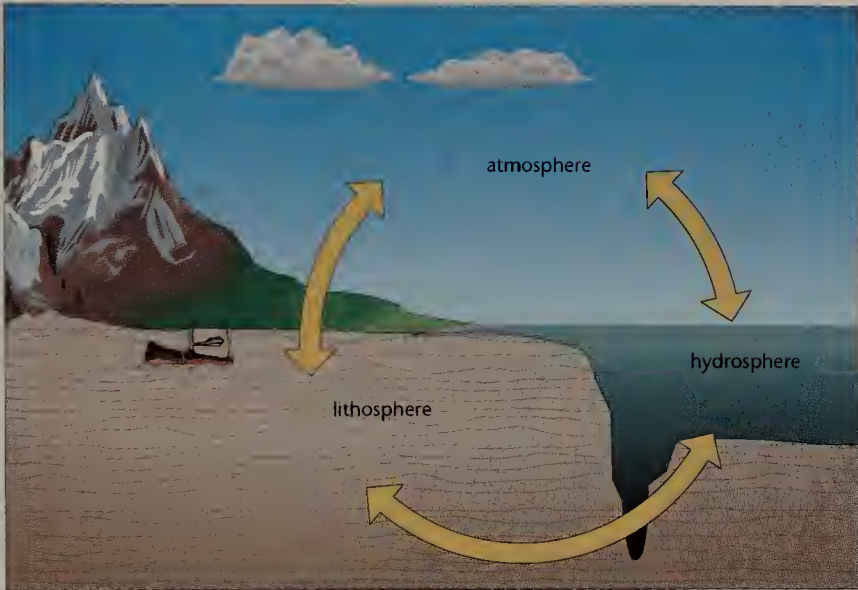
WAVE



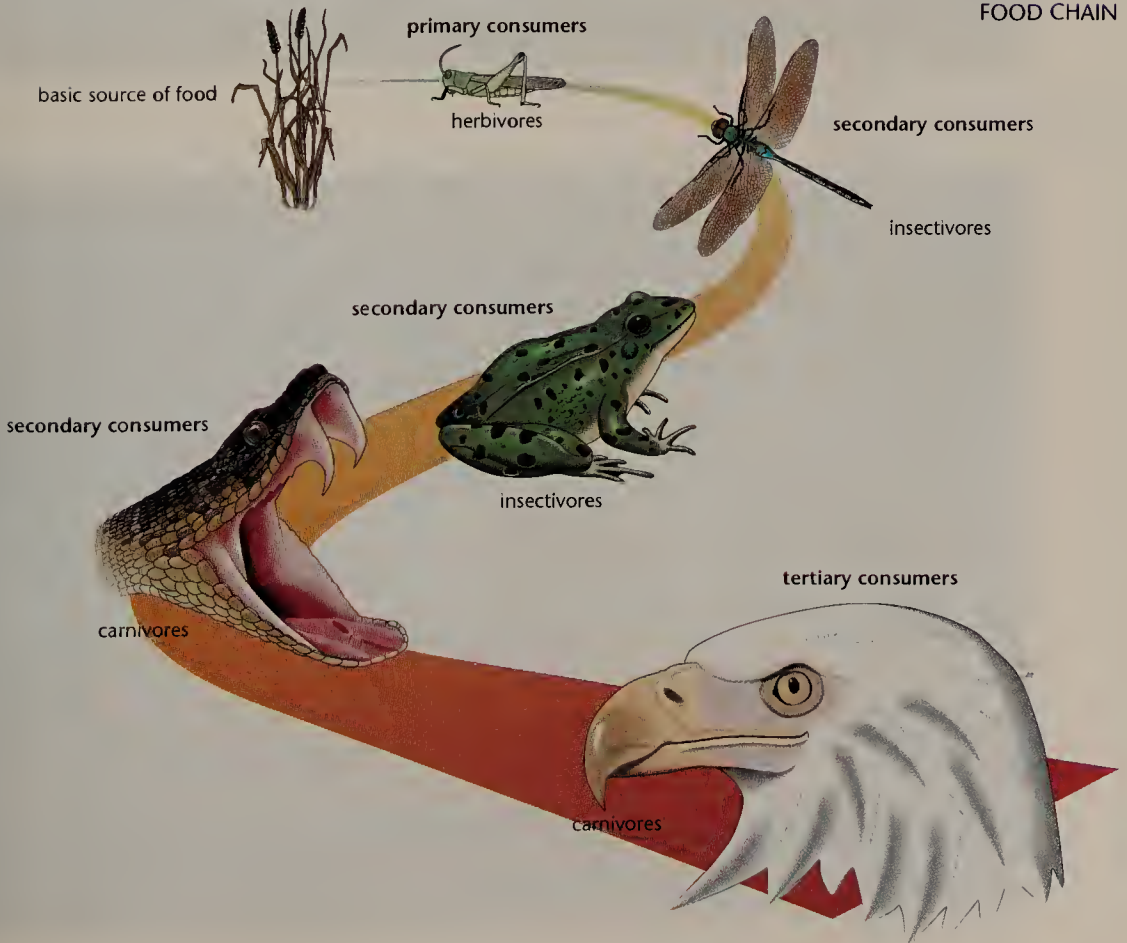
COMMON COASTAL FEATURES



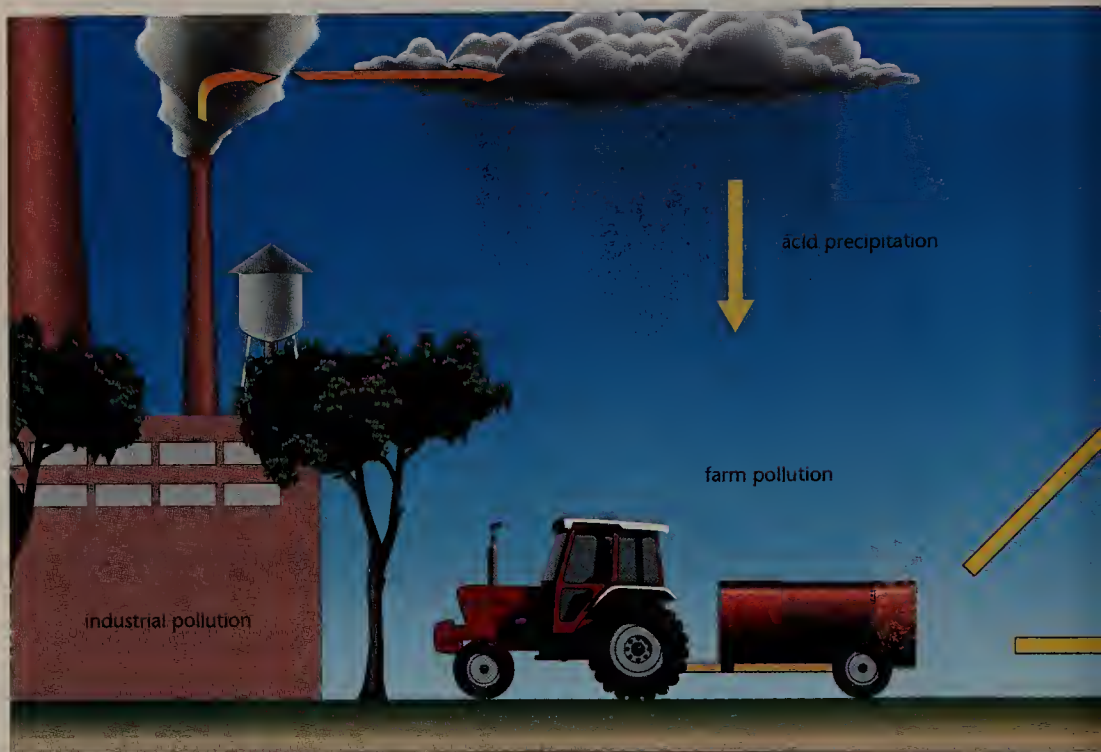
STRUCTURE OF THE BIOSPHERE



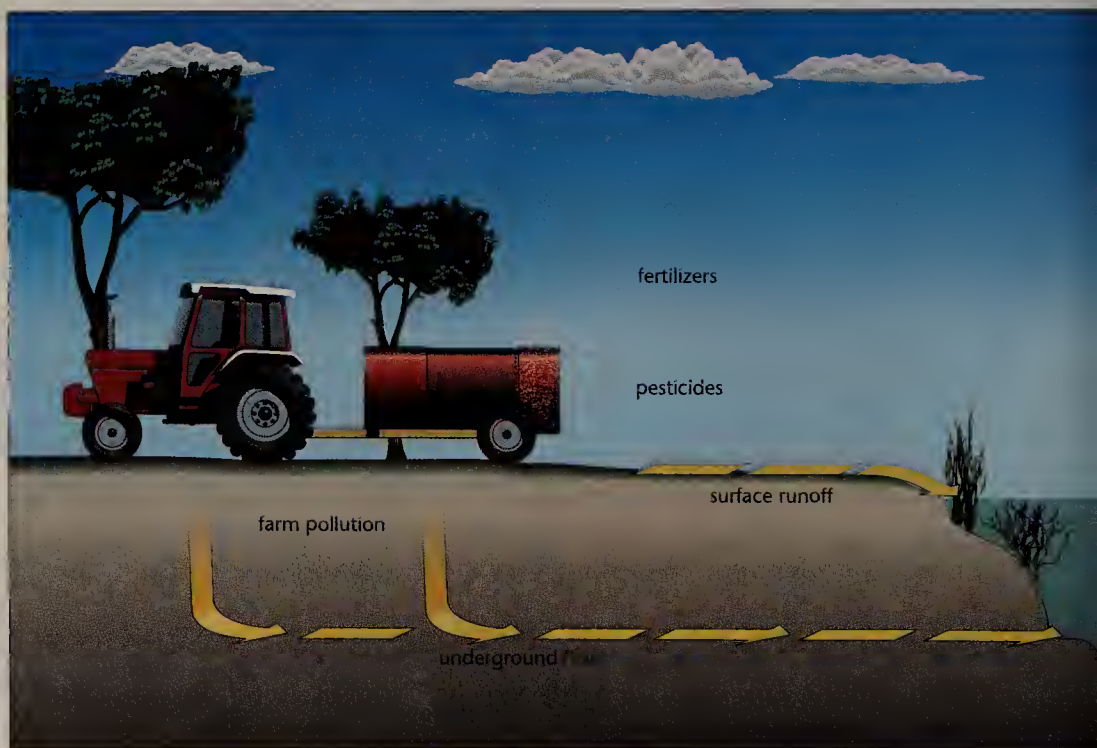
FOOD CHAIN

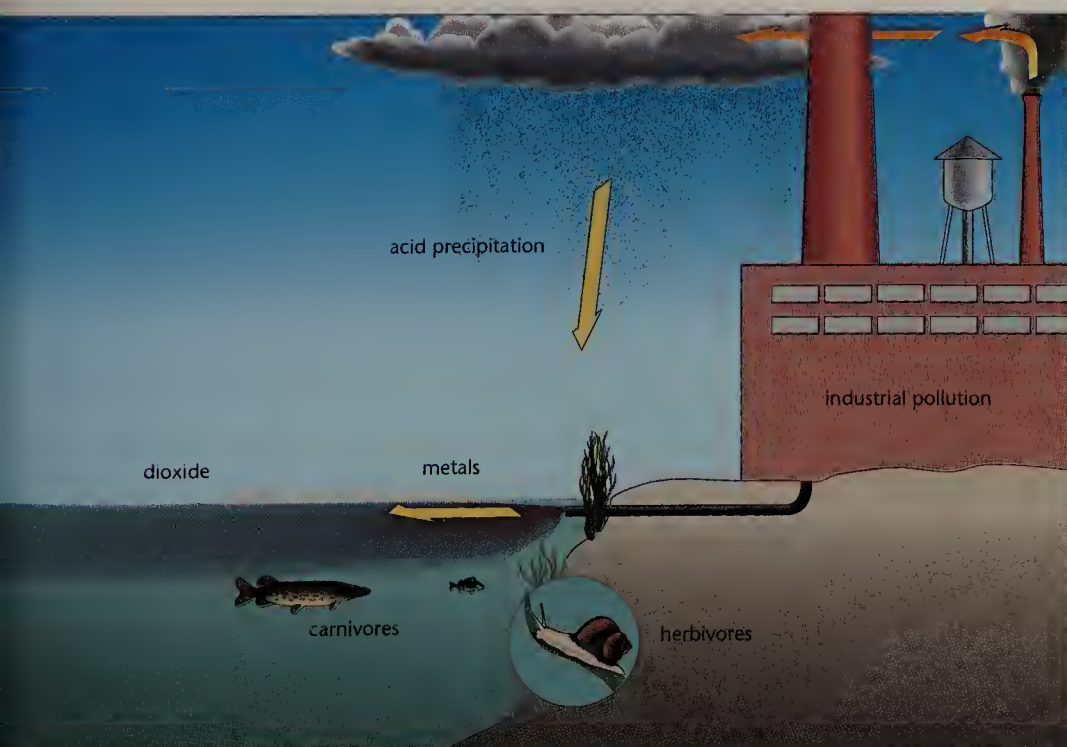
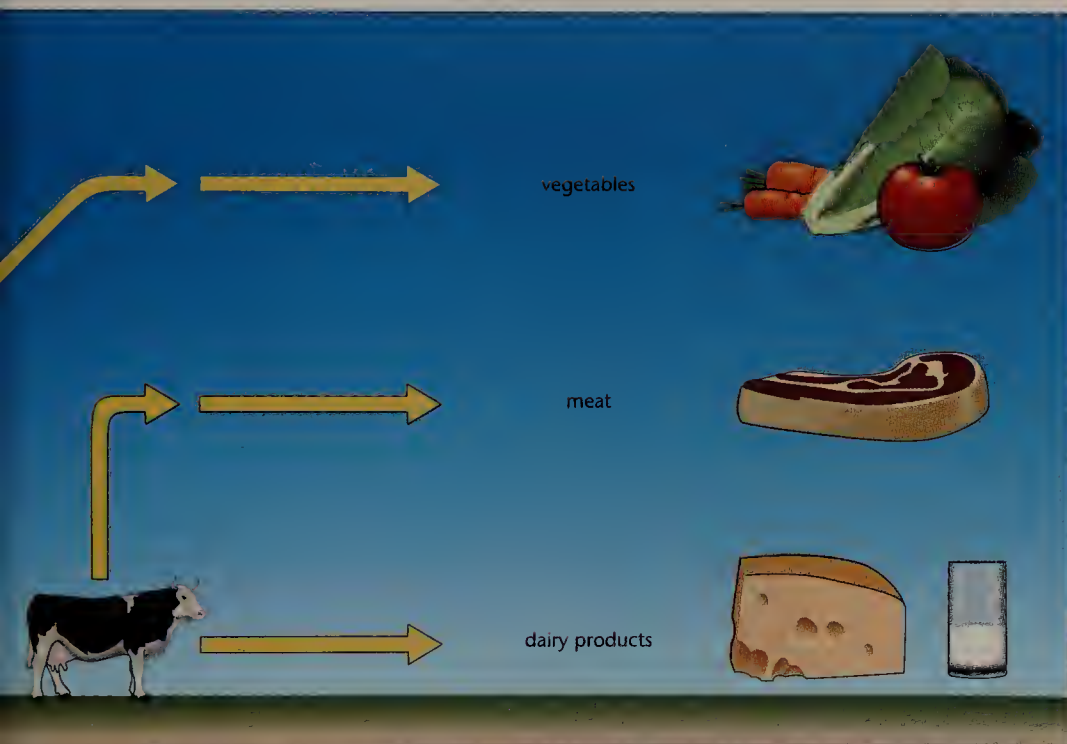


POLLUTION OF FOOD ON GROUND

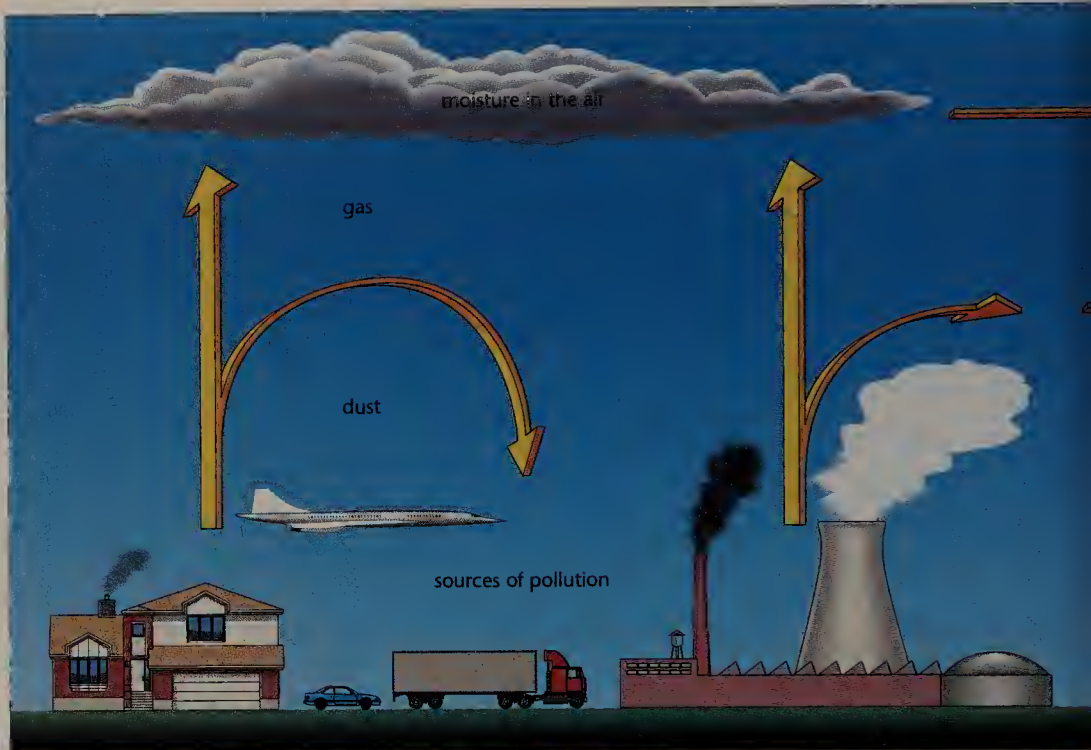


POLLUTION OF FOOD IN WATER

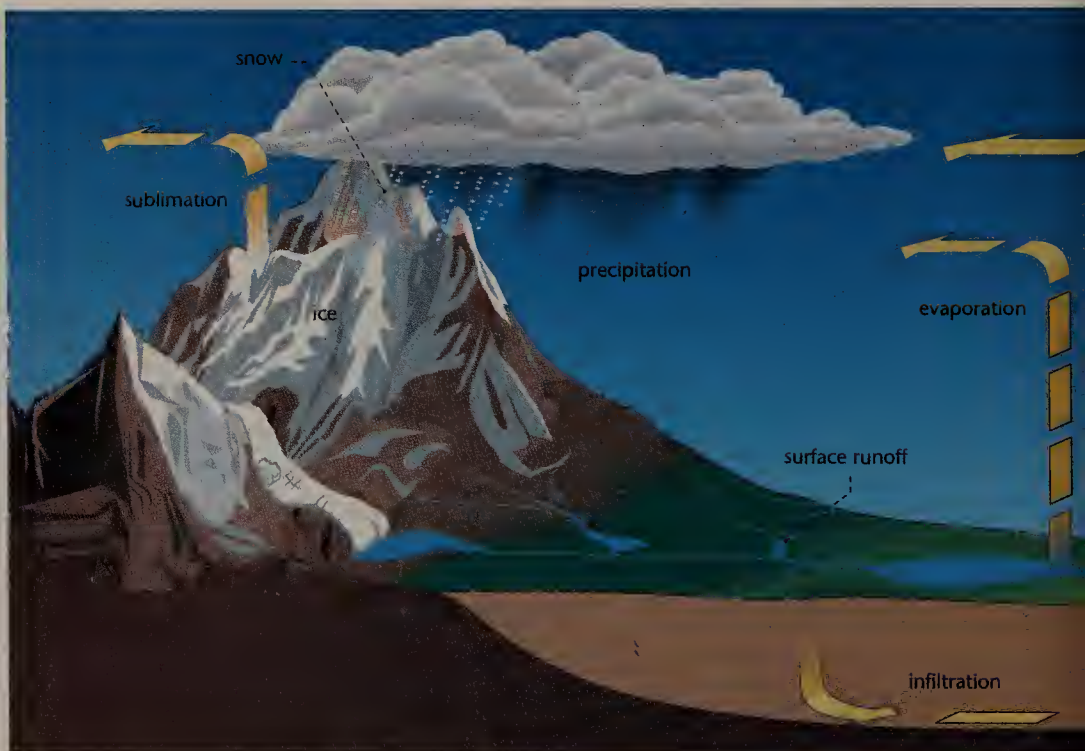


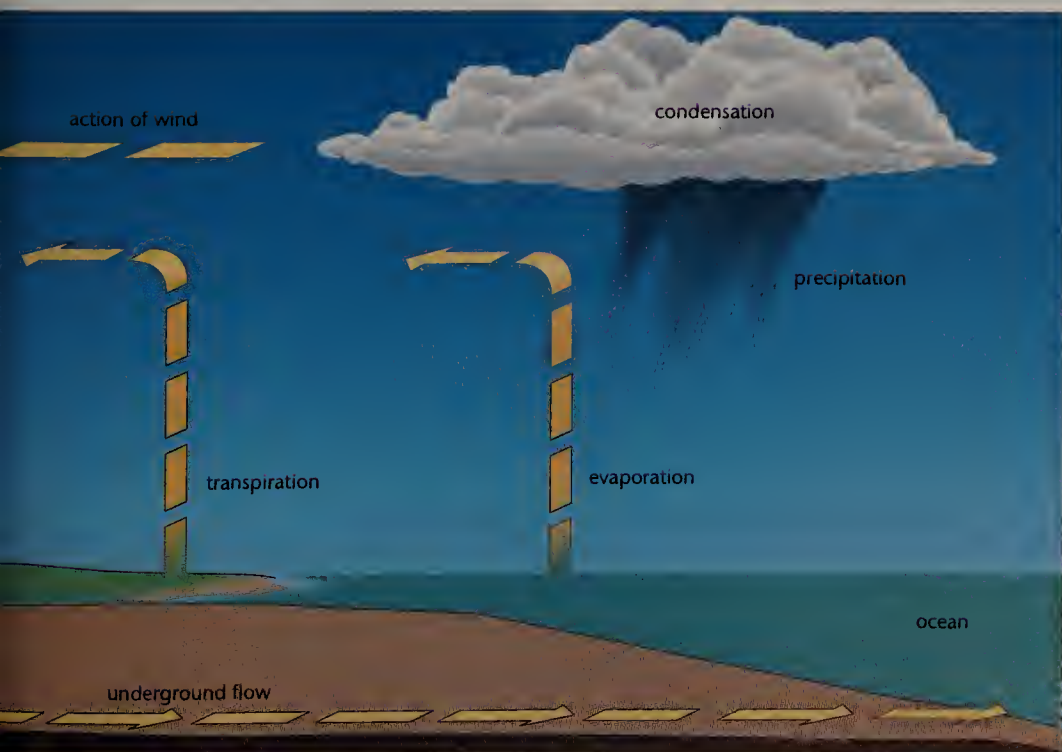
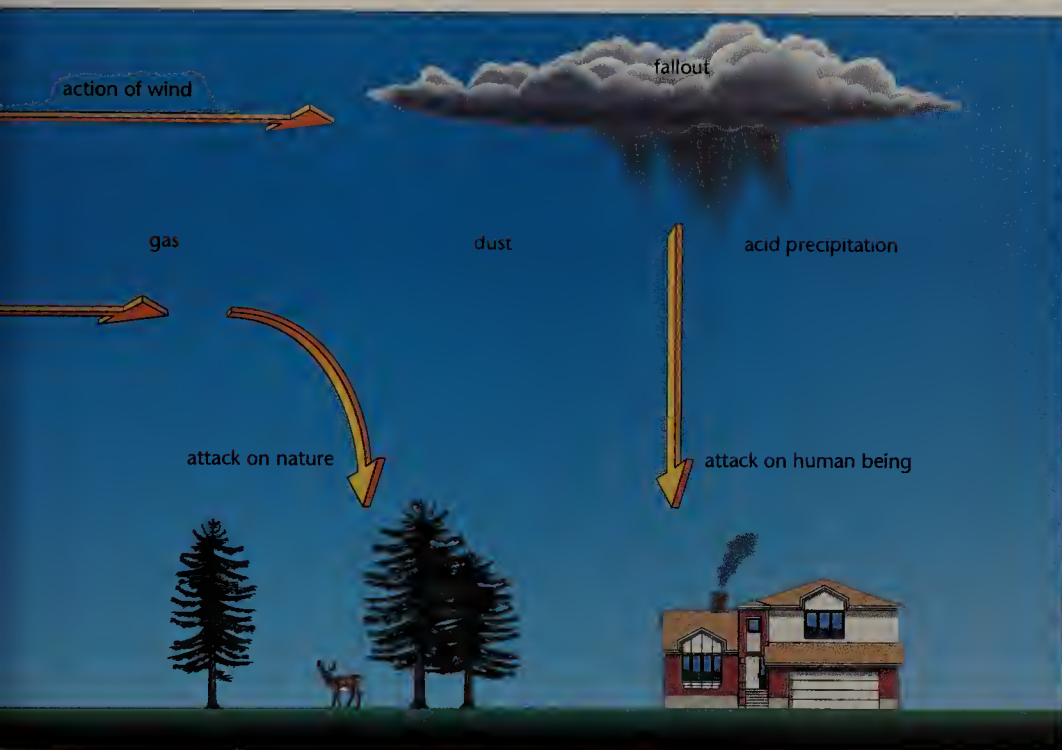


ATMOSPHERIC POLLUTION



HYDROLOGIC CYCLE





PRECIPITATIONS

STORMY SKY



rainbow

cloud

rain



raindrop

lightning

CLASSIFICATION OF SNOW CRYSTALS



plate crystal



stellar crystal



column



needle

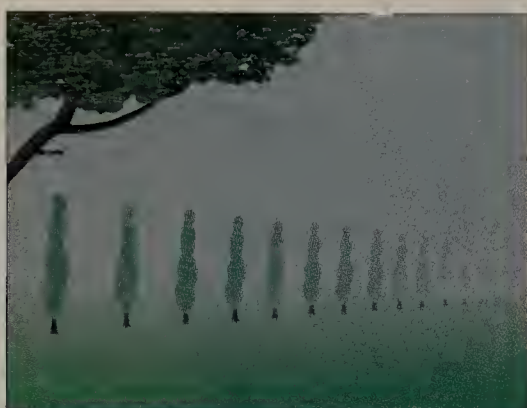


spatial dendrite





mist



fog



dew



frost



capped column



irregular crystal



snow pellet



sleet

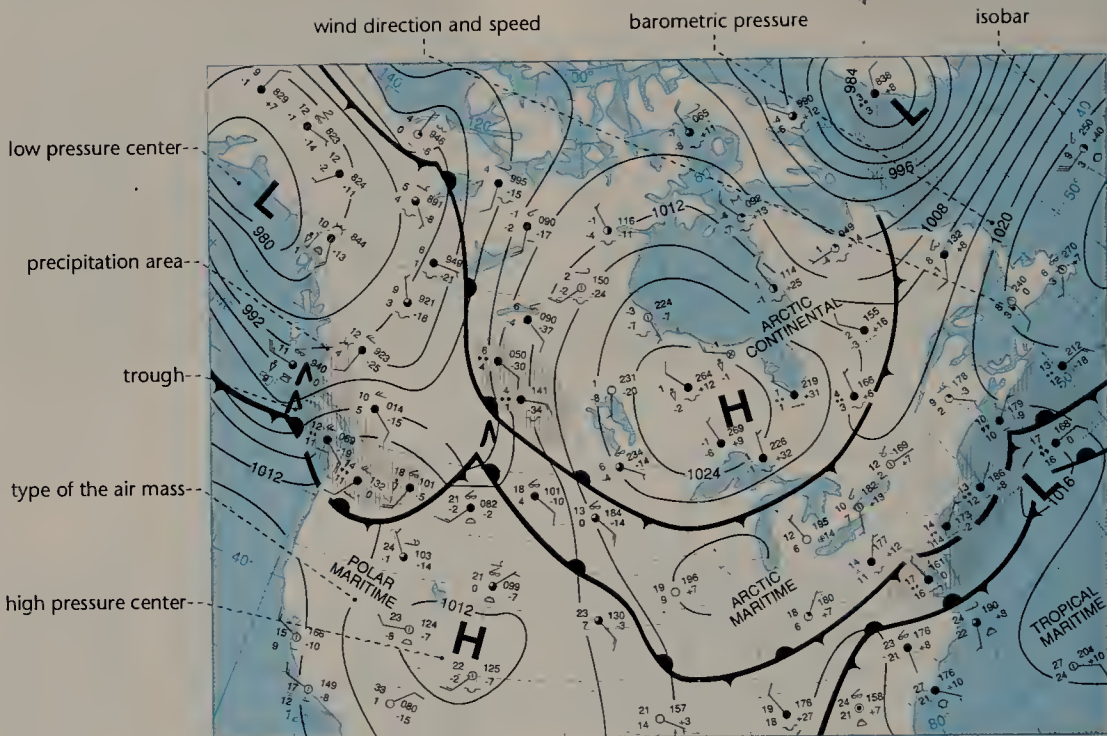


hail

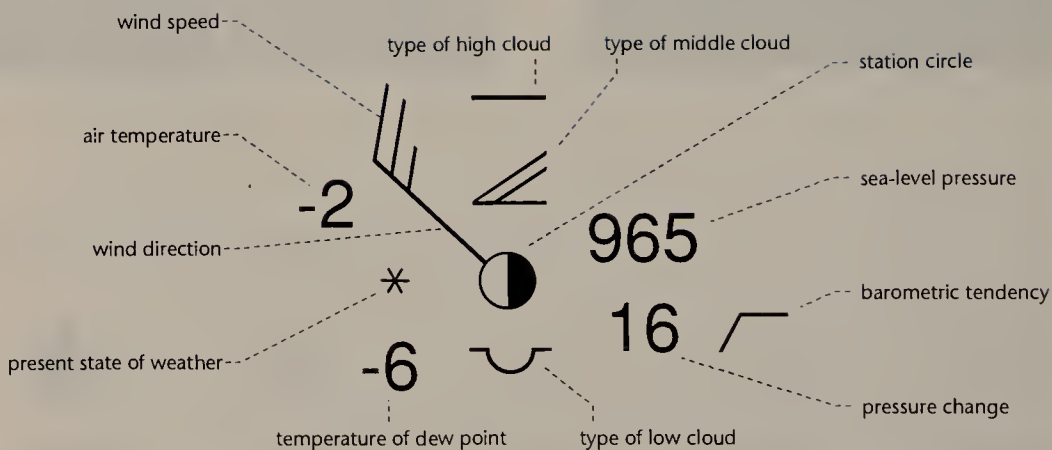


METEOROLOGY

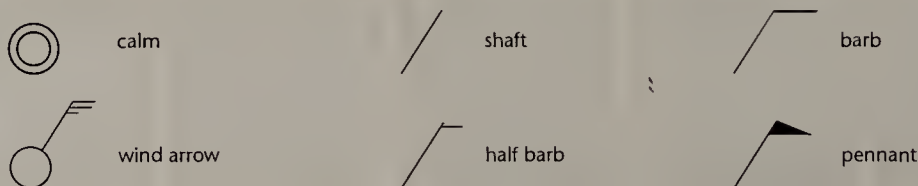
WEATHER MAP



STATION MODEL



WIND



FRONTS



surface cold front



surface warm front



occluded front



upper cold front



upper warm front



stationary front

SKY COVERAGE



clear sky



scattered sky



very cloudy sky



overcast sky



cloudy sky



slightly covered sky



obscured sky

PRESENT WEATHER



intermittent rain



snow shower



continuous rain



thunderstorm



sleet



intermittent drizzle



heavy thunderstorm



hail shower



continuous drizzle



sandstorm or dust storm



squall



intermittent snow



tropical storm



freezing rain



continuous snow



hurricane



smoke



rain shower



slight drifting snow low



mist



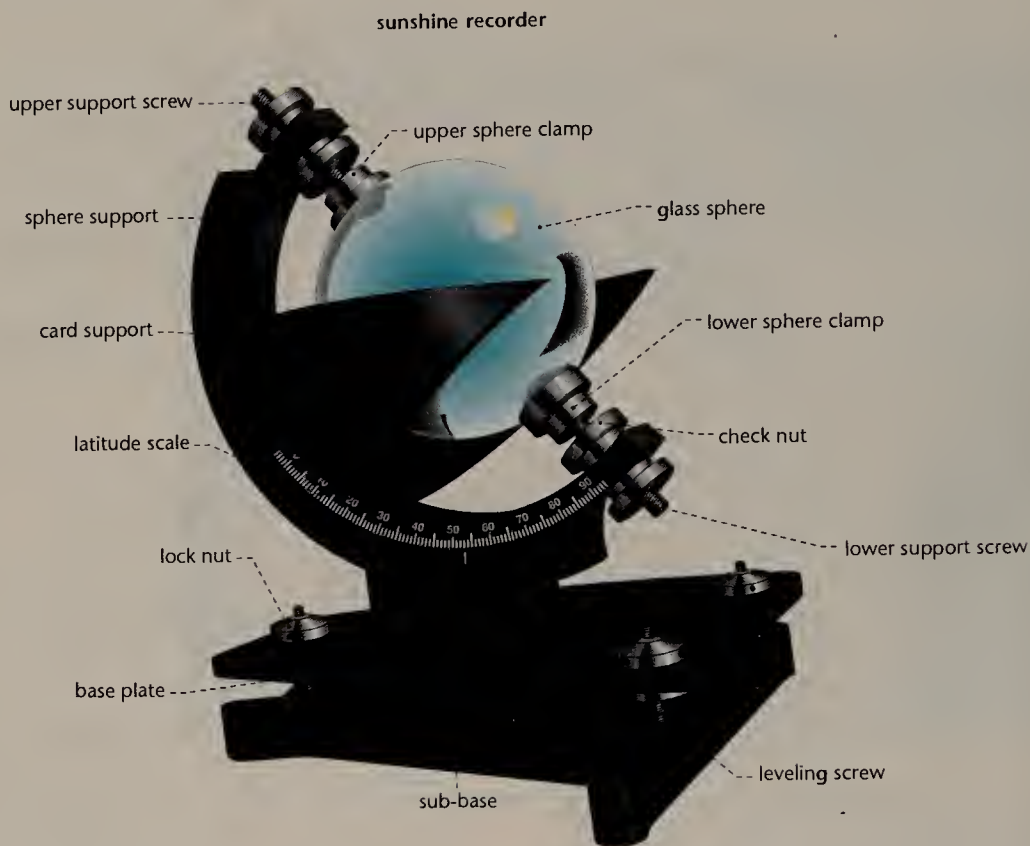
heavy drifting snow low



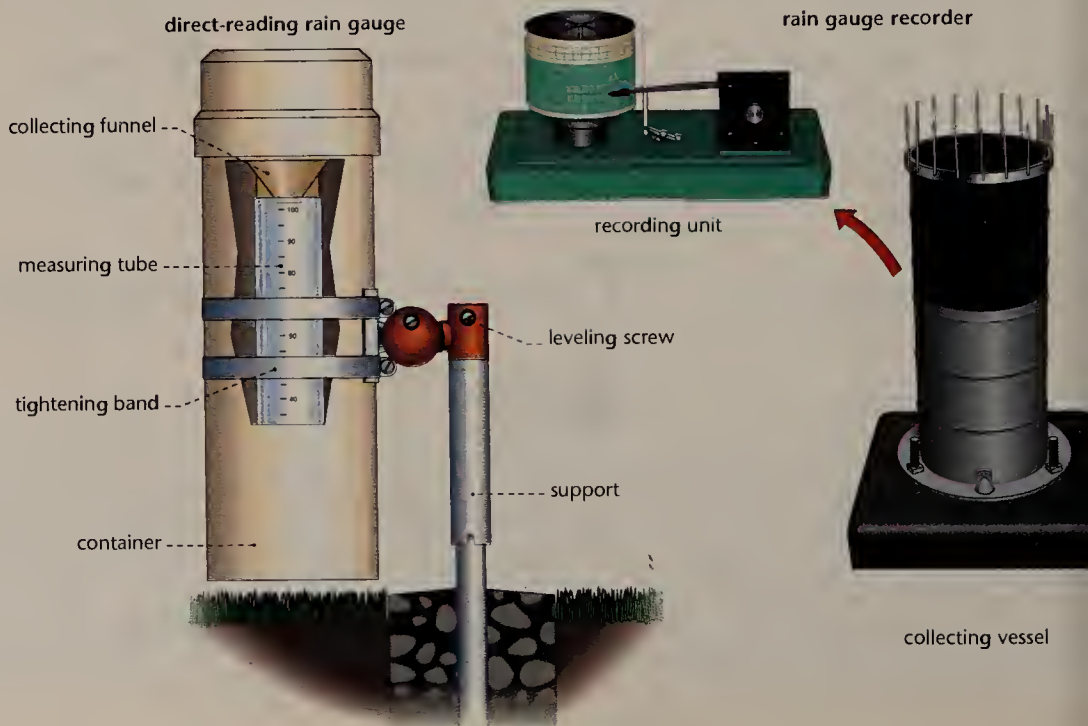
fog

METEOROLOGICAL MEASURING INSTRUMENTS

MEASURE OF SUNSHINE



MEASURE OF RAINFALL



MEASURE OF TEMPERATURE

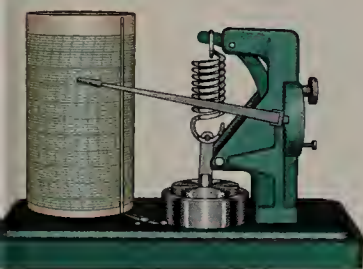


minimum thermometer



maximum thermometer

MEASURE OF AIR PRESSURE



barograph



mercury barometer

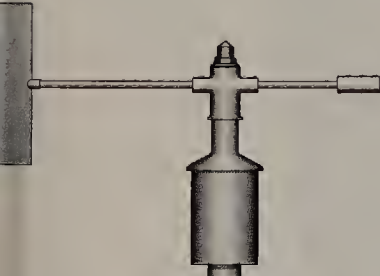


psychrometer



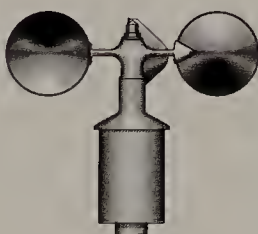
INSTRUMENT SHELTER

MEASURE OF WIND DIRECTION



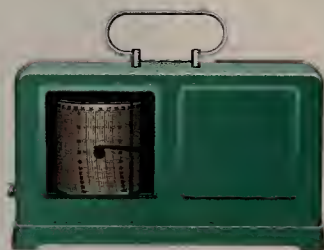
wind vane

MEASURE OF WIND STRENGTH



anemometer

MEASURE OF HUMIDITY



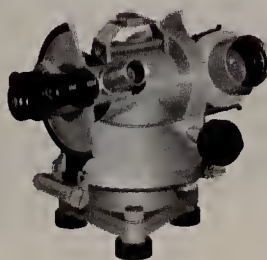
hydrograph

MEASURE OF SNOWFALL



snow gauge

MEASURE OF CLOUD CEILING



theodolite



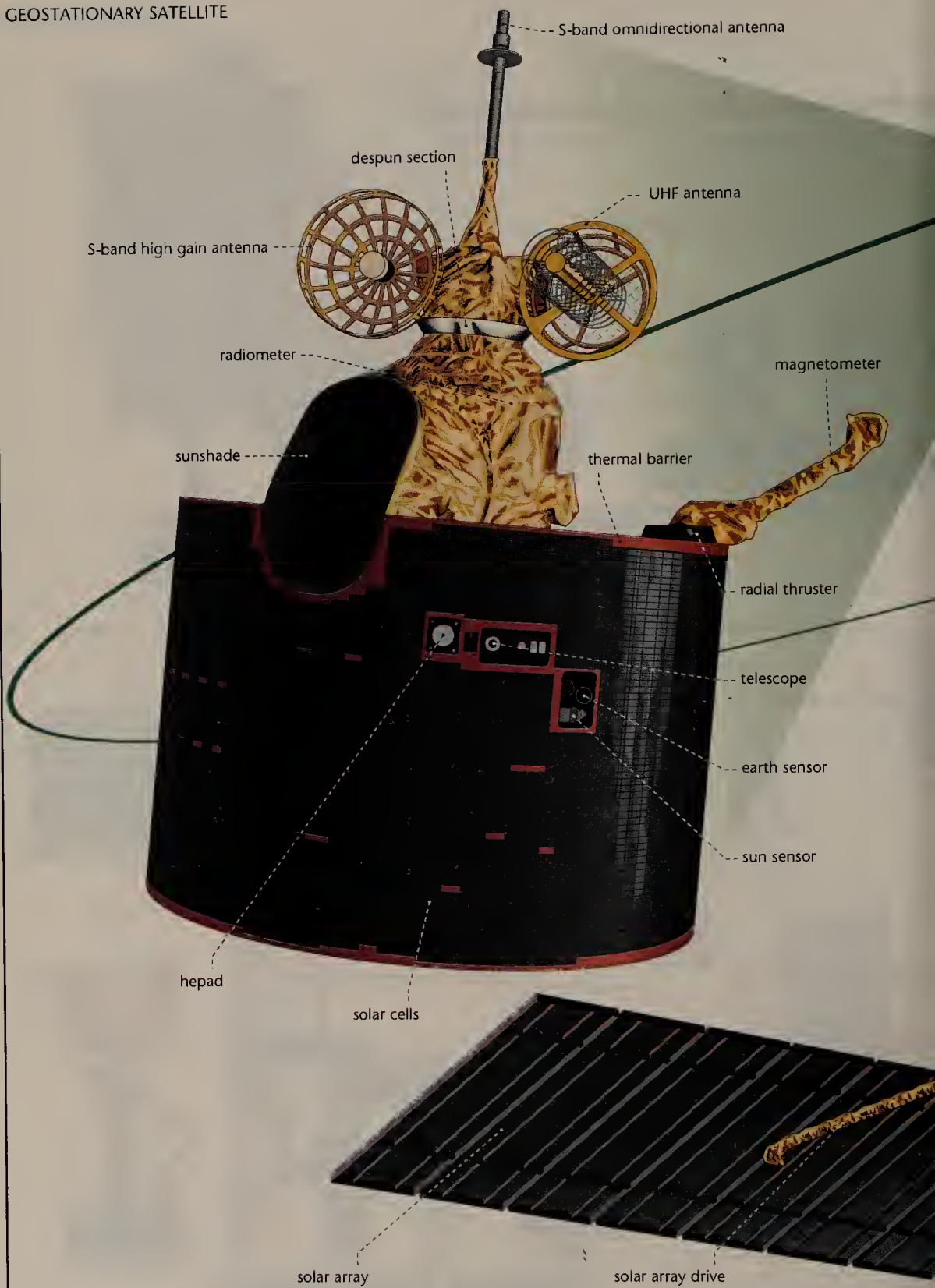
alidade

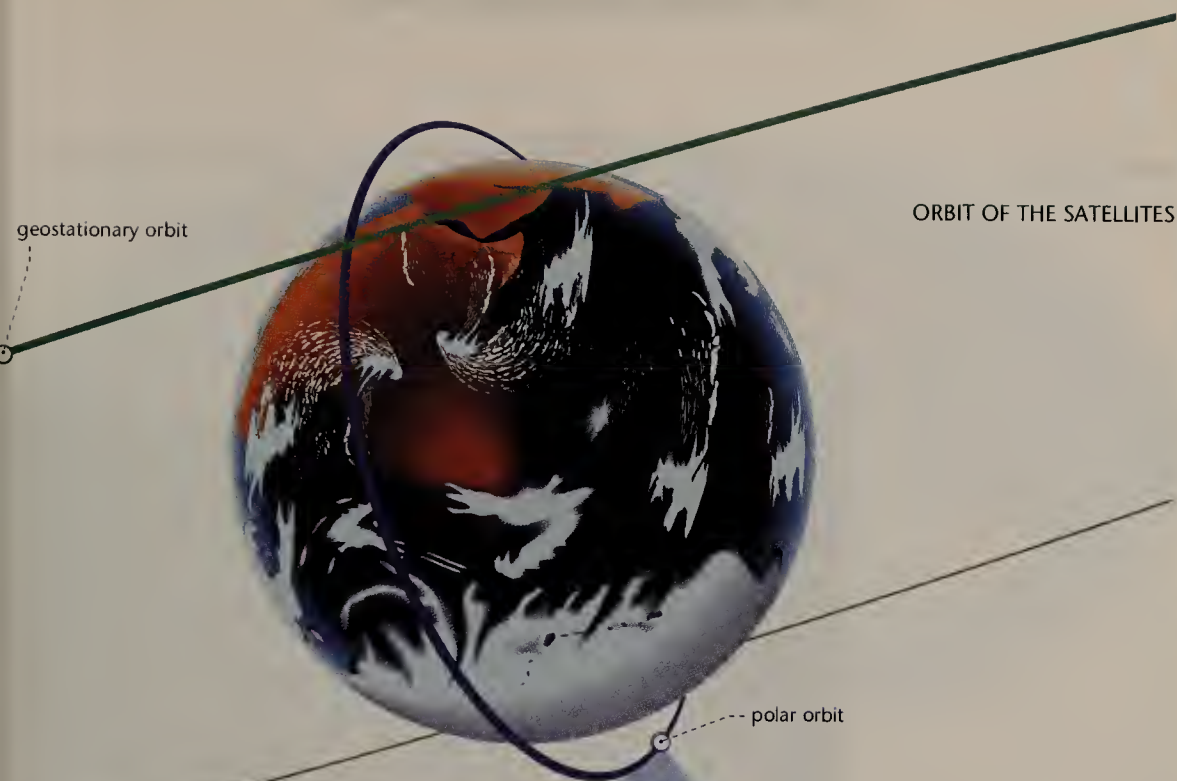


ceiling projector

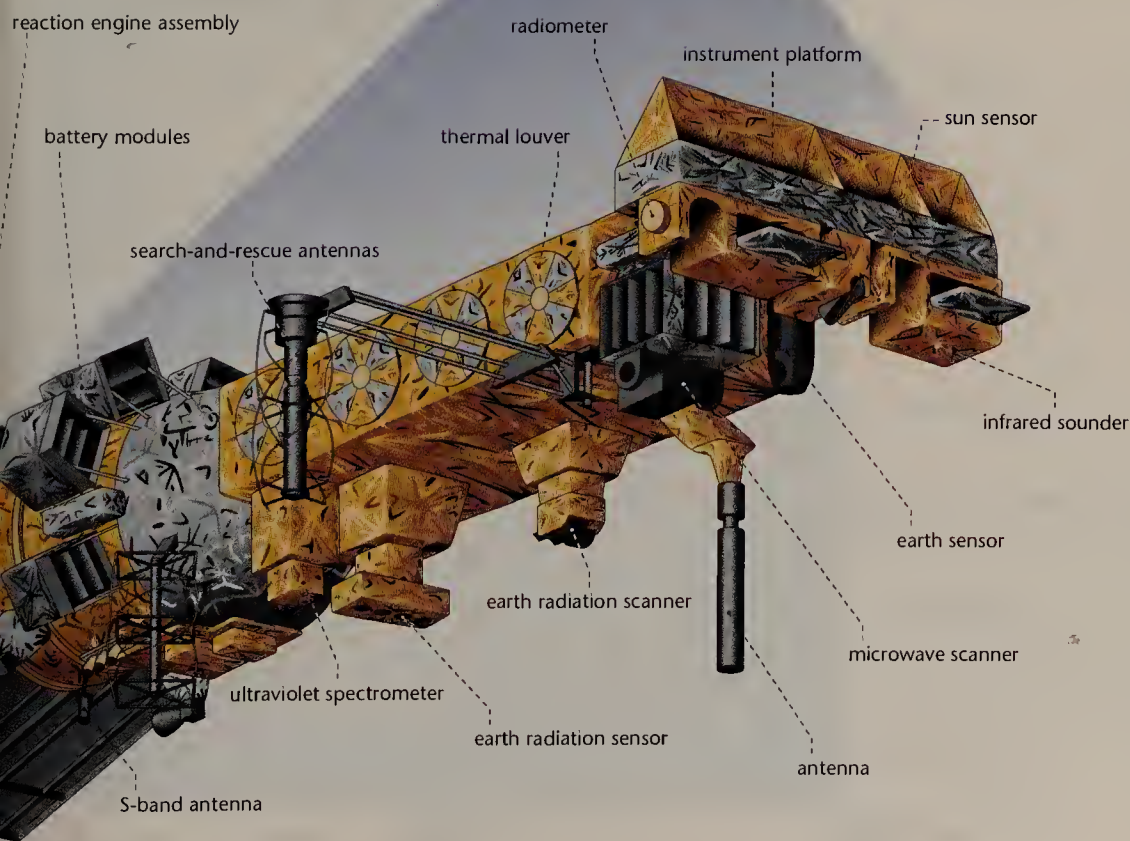
WEATHER SATELLITE

GEOSTATIONARY SATELLITE









POLAR-ORBITING SATELLITE






HIGH CLOUDS

CLOUDS OF VERTICAL DEVELOPMENT




cirrus 
 cirrocumulus 
 cirrostratus 

cumulonimbus 

MIDDLE CLOUDS

altostratus 
 altocumulus 
 stratocumulus 

LOW CLOUDS

nimbostratus 
 stratus 
 cumulus 



CLIMATES OF THE WORLD





TROPICAL CLIMATES

-  tropical rain forest
-  tropical savanna
-  steppe
-  desert


TEMPERATE CLIMATES

-  humid - long summer
-  humid - short summer
-  marine


POLAR CLIMATES

-  polar tundra
-  polar ice cap



HIGHLAND CLIMATES


-  highland climates


SUBTROPICAL CLIMATES

-  Mediterranean subtropical


CONTINENTAL CLIMATES

-  dry continental - arid
-  dry continental - semiarid

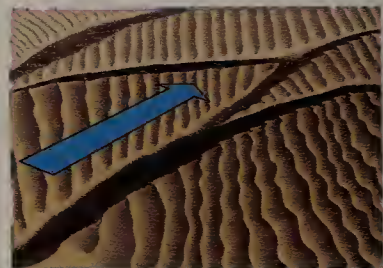
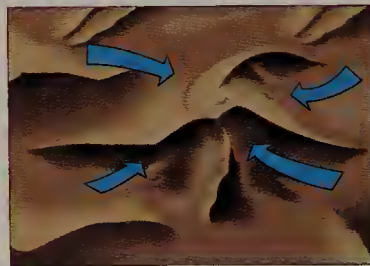
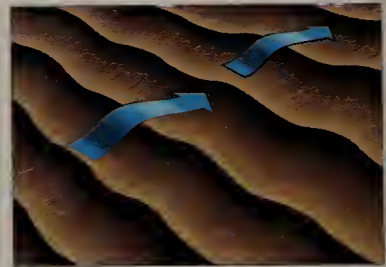
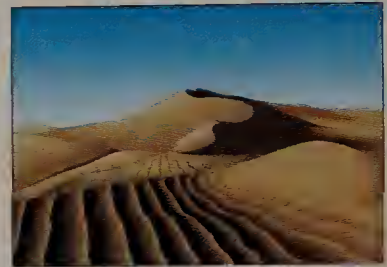
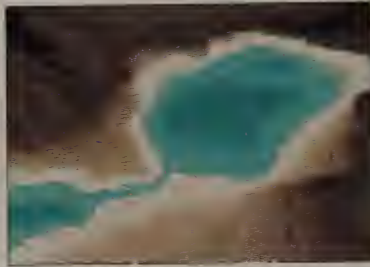
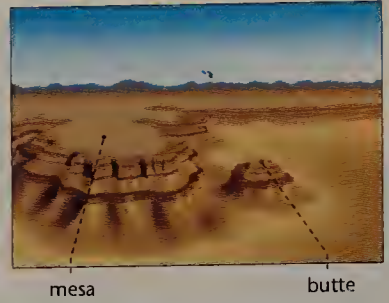
-  humid subtropical

-  dry subtropical

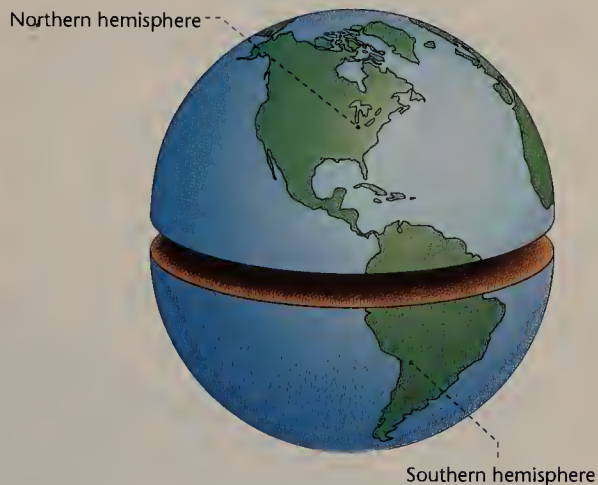
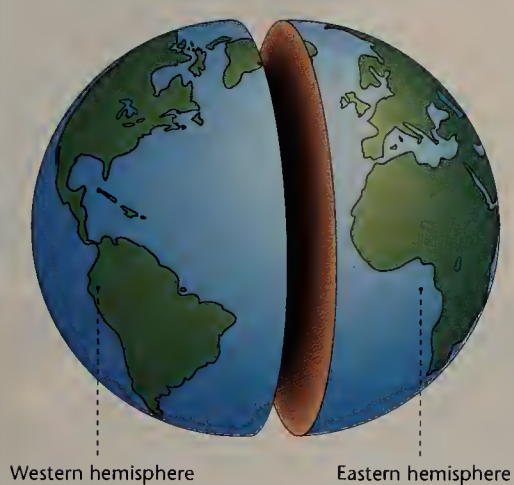
SUBARCTIC CLIMATES

-  subarctic climates

DESERT

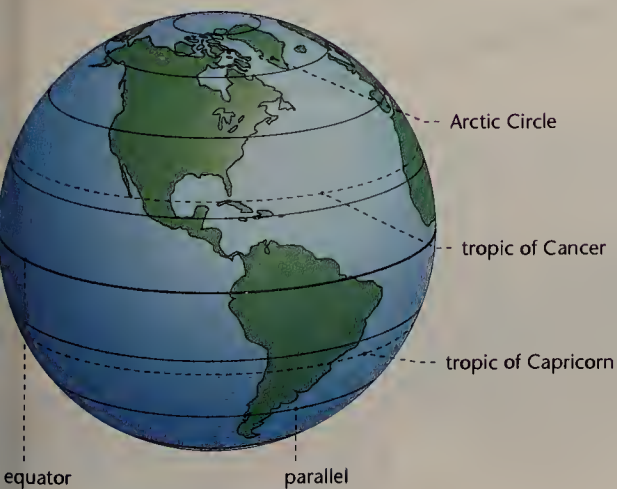


HEMISPHERES

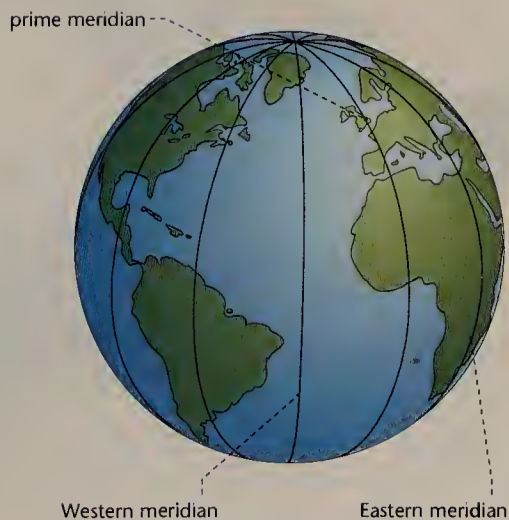


GRID SYSTEM

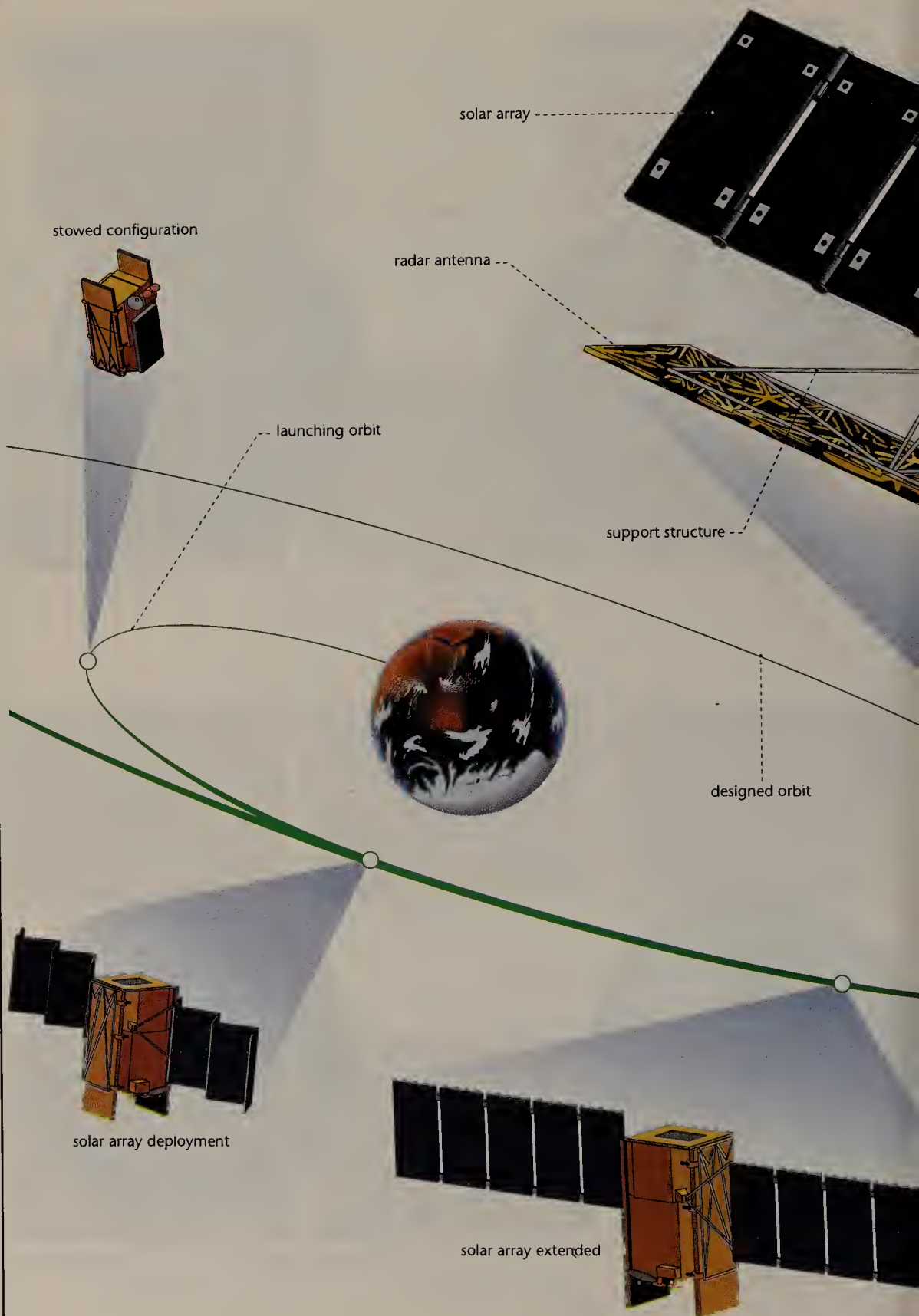
lines of latitude



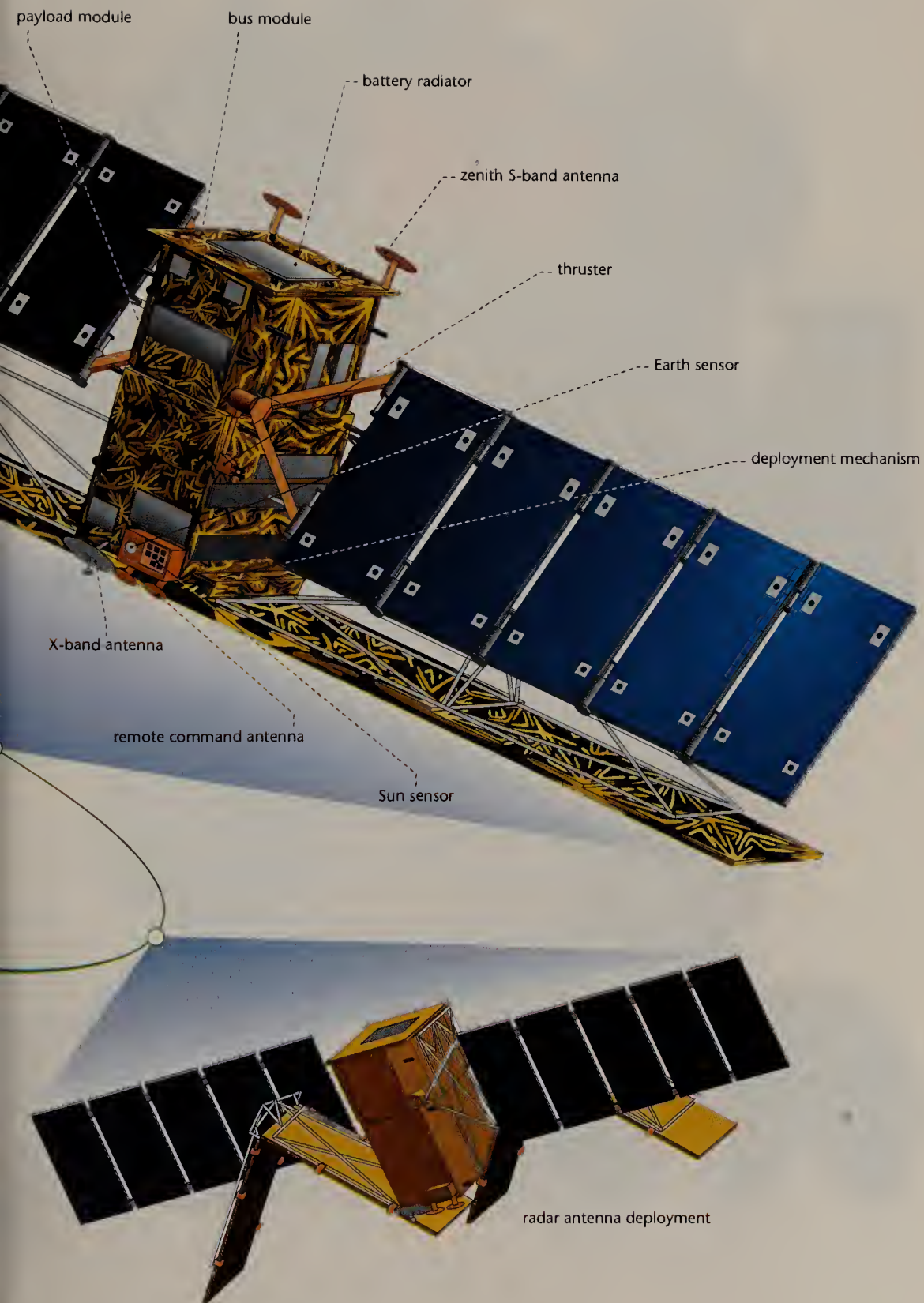
lines of longitude



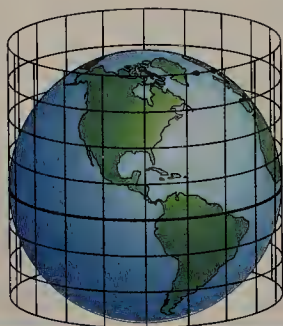
REMOTE DETECTION SATELLITE



RADARSAT SATELLITE



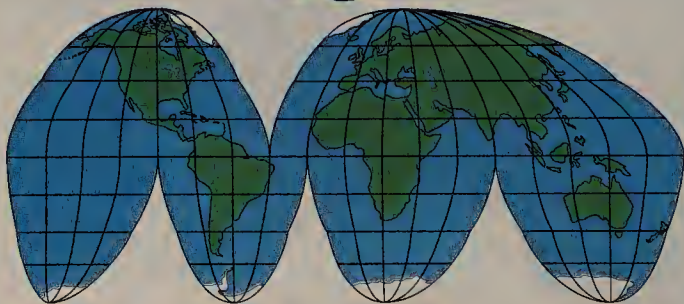
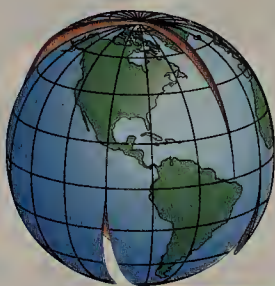
MAP PROJECTIONS



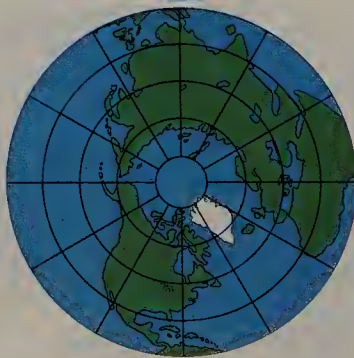
cylindrical projection



conic projection



interrupted projection



plane projection

POLITICAL MAP



internal boundary
province
international boundary
country

city
capital
state

PHYSICAL MAP



mountain range
bay
prairie
mountain mass
ocean
river
river
gulf

sea
strait
island
river estuary
lake
archipelago
peninsula

cape plateau isthmus plain

suburbs

circular route

avenue

city limit

park

district limit

district

cemetery

monument

highway

street

woods

traffic circle

bridge

river

public building

railroad station

boulevard

railroad line

highway

highway number

rest area

service area

belt highway

secondary road

road

road number

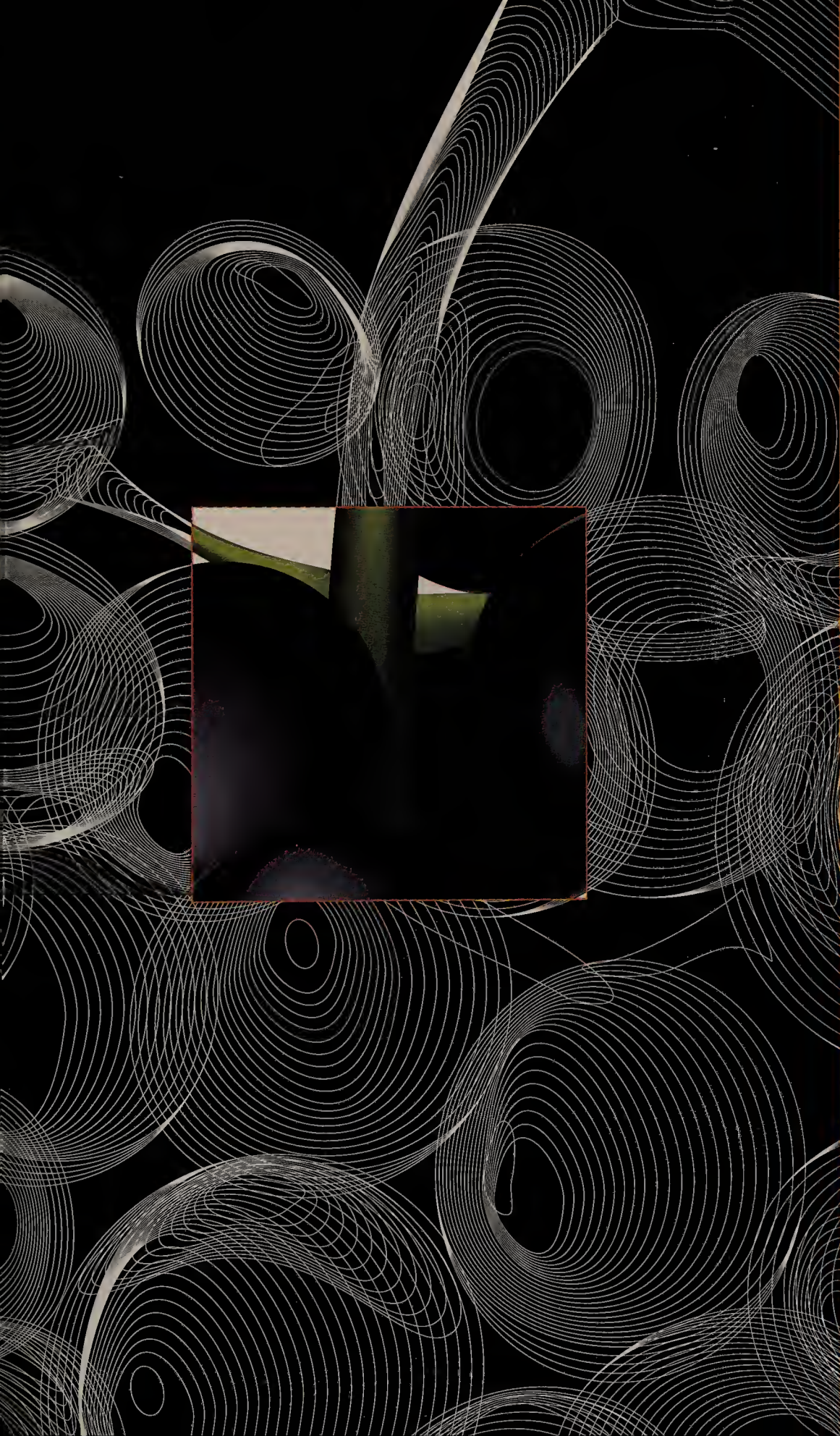
airport

point of interest

national park

scenic route

VEGETABLE KINGDOM



CONTENTS

MUSHROOM55

TYPES OF LEAVES56

STRUCTURE OF A PLANT.....57

CONIFER58

STRUCTURE OF A TREE59

STRUCTURE OF A FLOWER.....60

GRAPE.....61

FLESHY FRUITS: BERRY FRUITS.....62

STONE FLESHY FRUITS63

POME FLESHY FRUITS.....64

FLESHY FRUITS: CITRUS FRUITS65

DRY FRUITS: NUTS66

VARIOUS DRY FRUITS67

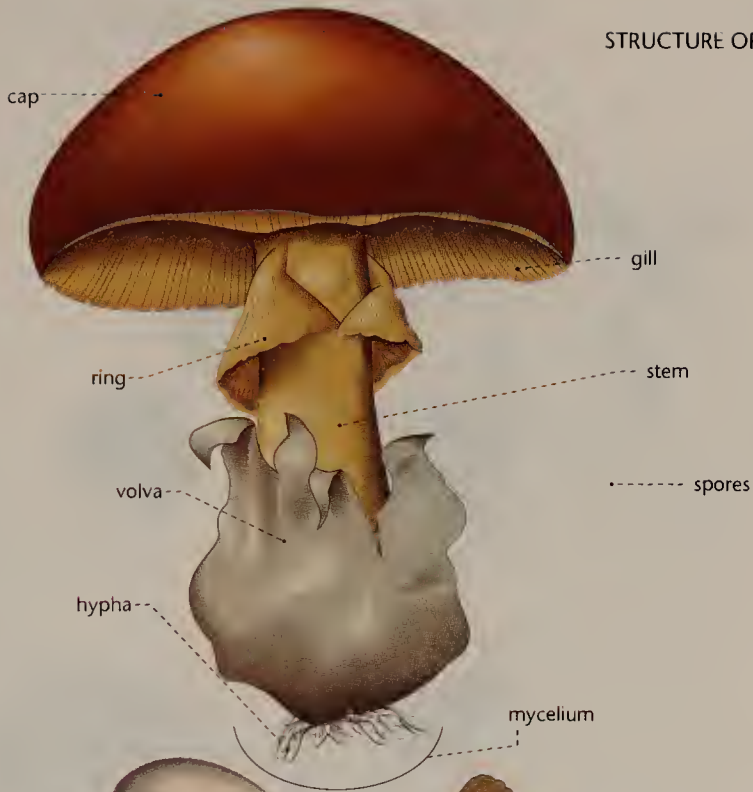
TROPICAL FRUITS.....68

VEGETABLES.....69

HERBS74

MUSHROOM

STRUCTURE OF A MUSHROOM



EDIBLE MUSHROOMS



truffle



cultivated mushroom



morel



royal agaric



delicious lactarius



green russula



chanterelle



boletus



oyster mushroom

DEADLY POISONOUS MUSHROOM



destroying angel

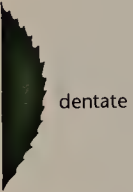
POISONOUS MUSHROOM



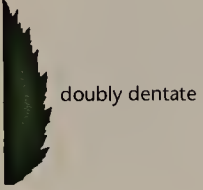
fly agaric

TYPES OF LEAVES

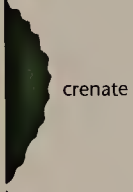
LEAF MARGIN



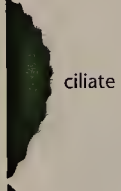
dentate



doubly dentate



crenate



ciliate



entire



lobate

LEAF

COMPOUND LEAVES



trifoliate



palmate



pinnatifid



odd pinnate



abruptly pinnate

SIMPLE LEAVES



orbiculate



reniform



linear



peltate



hastate



ovate



cordate



spatulate



lanceolate

stipule

sheath

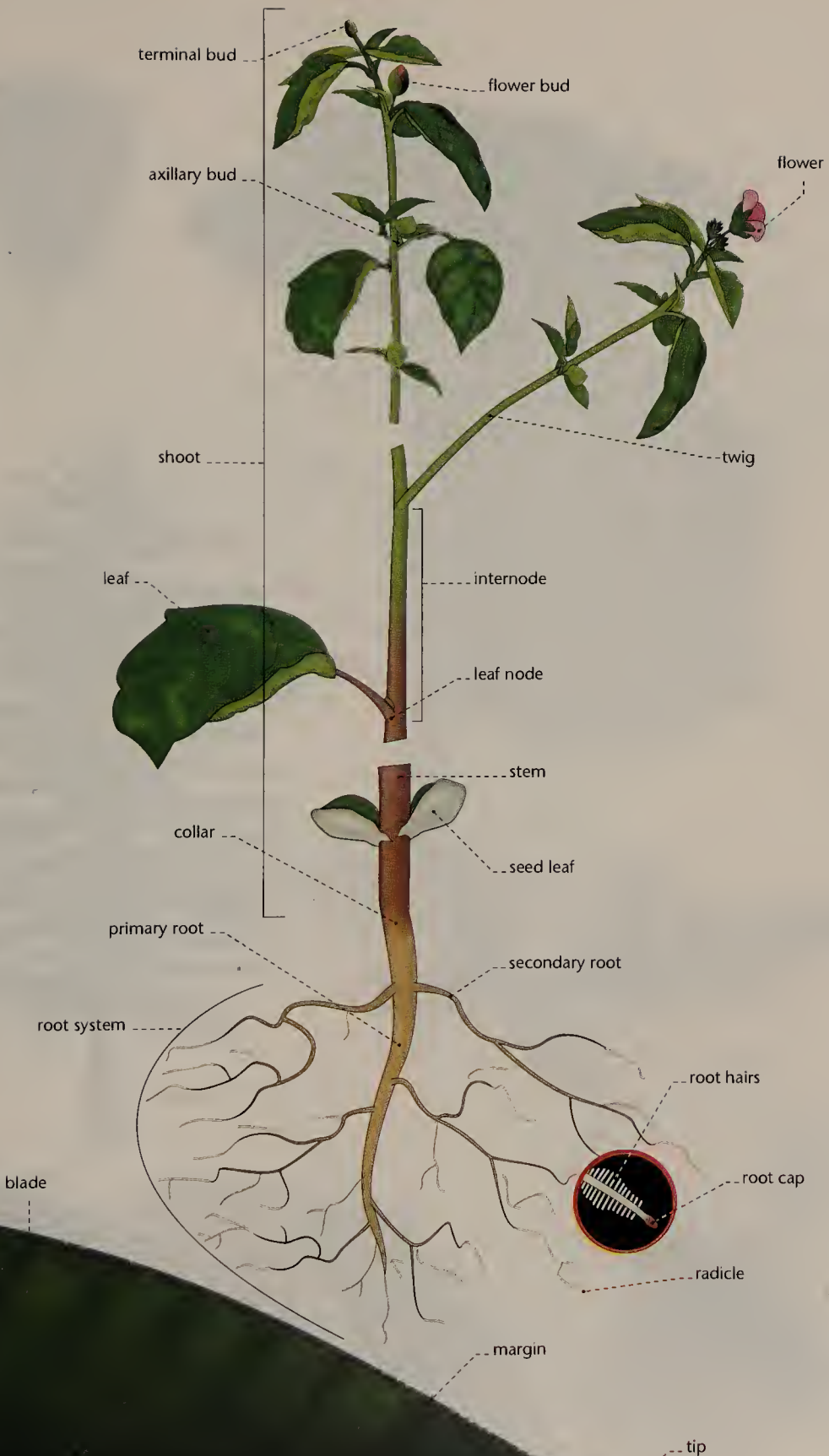
leaf axil

petiole

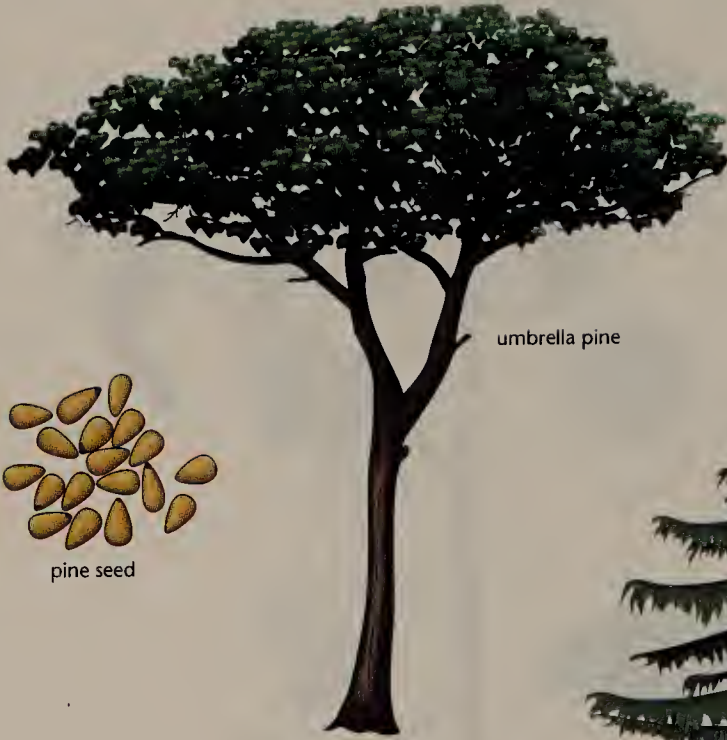
midrib

vein

STRUCTURE OF A PLANT



CONIFER



umbrella pine

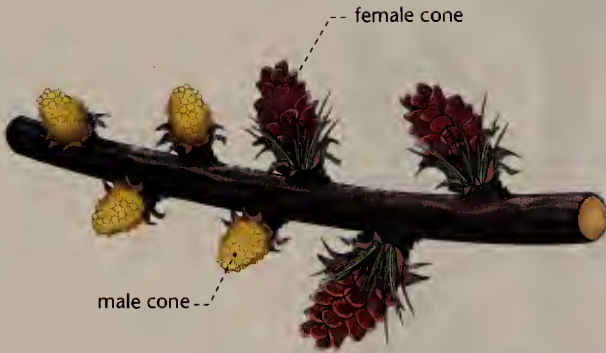


cone



pine seed

BRANCH



female cone

male cone



larch

TYPES OF LEAVES



fir needles



cypress scalelike leaves

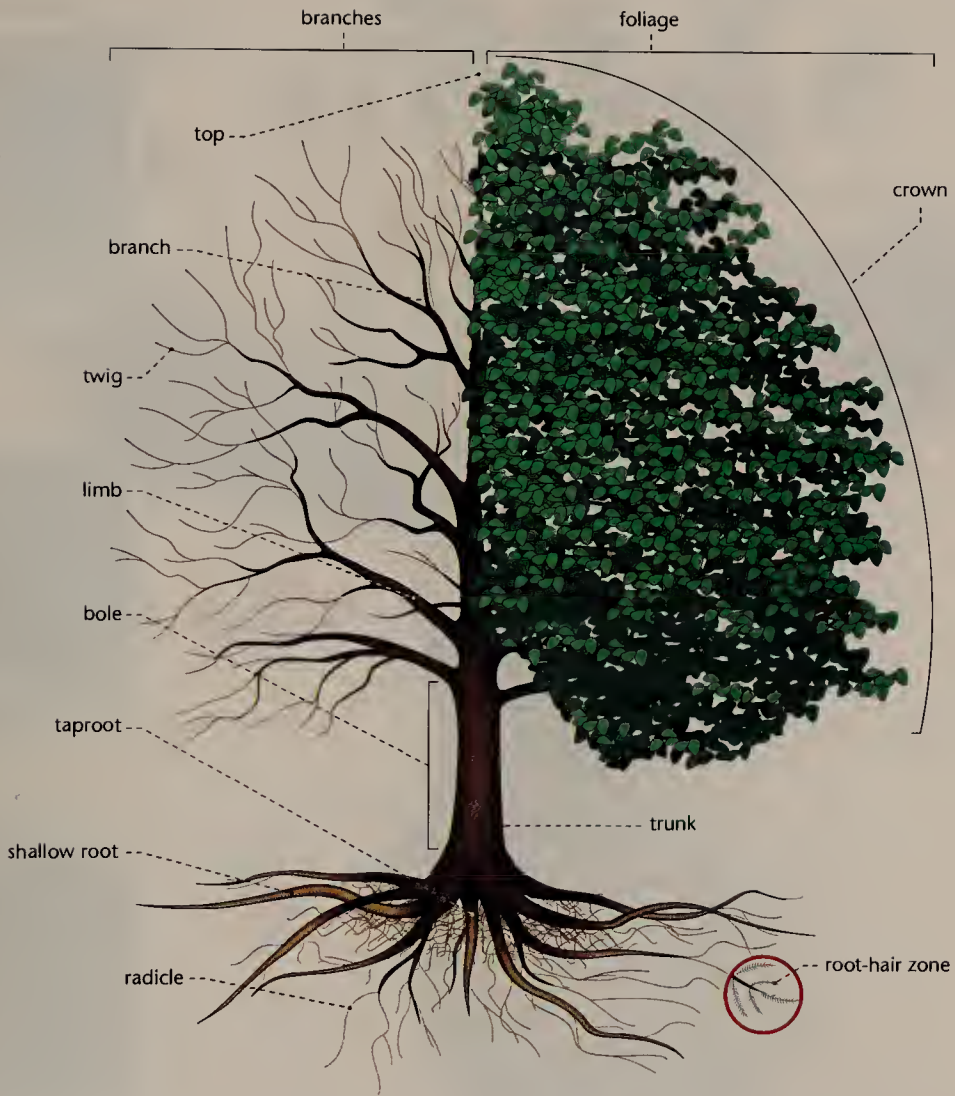


pine needles

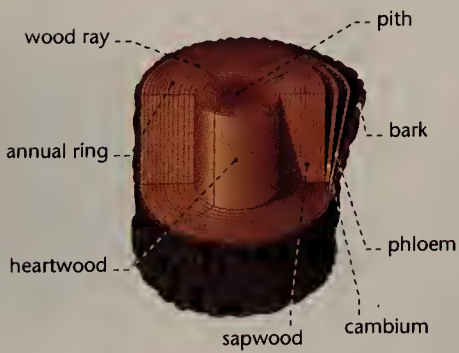
STRUCTURE OF A TREE

TREE

VEGETABLE KINGDOM



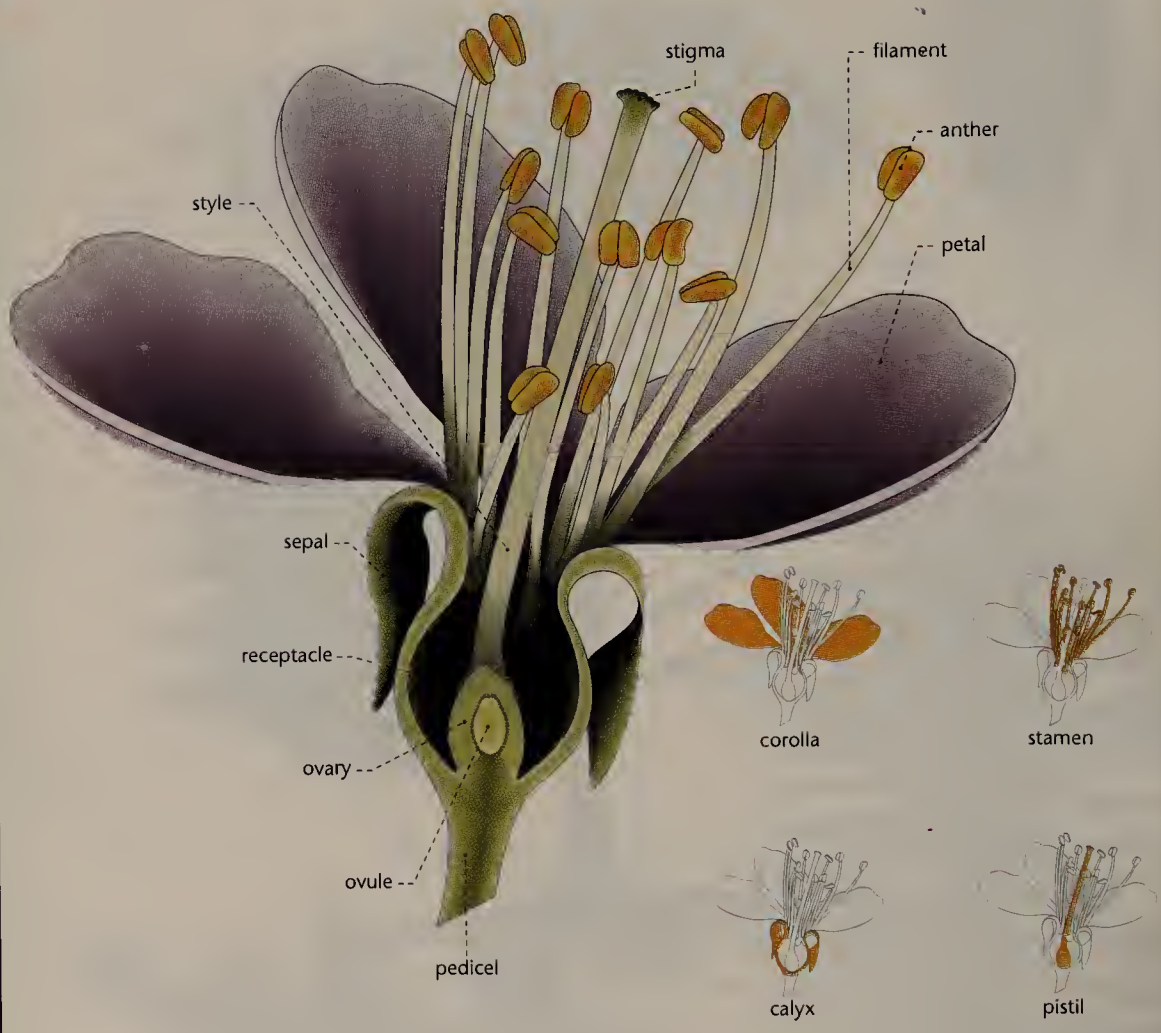
CROSS SECTION OF A TRUNK



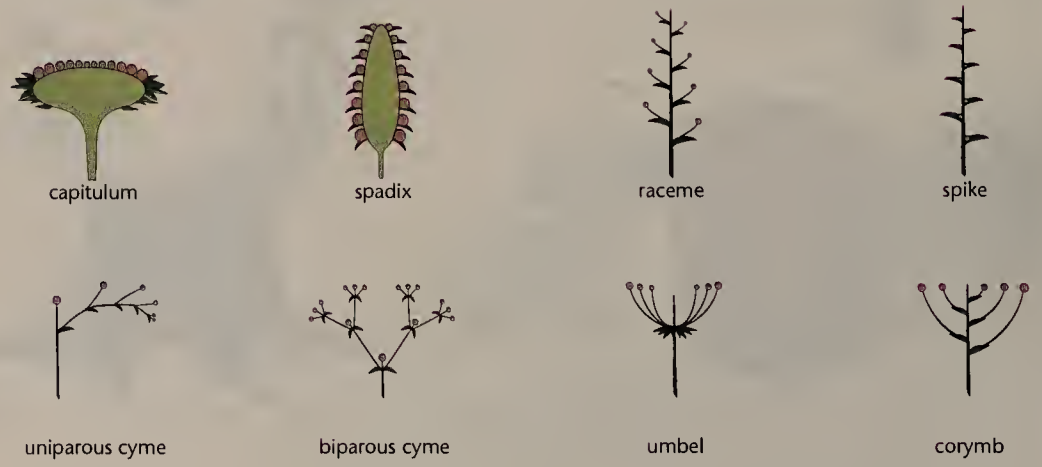
STUMP



STRUCTURE OF A FLOWER



TYPES OF INFLORESCENCES



GRAPE

MATURING STEPS



flowering



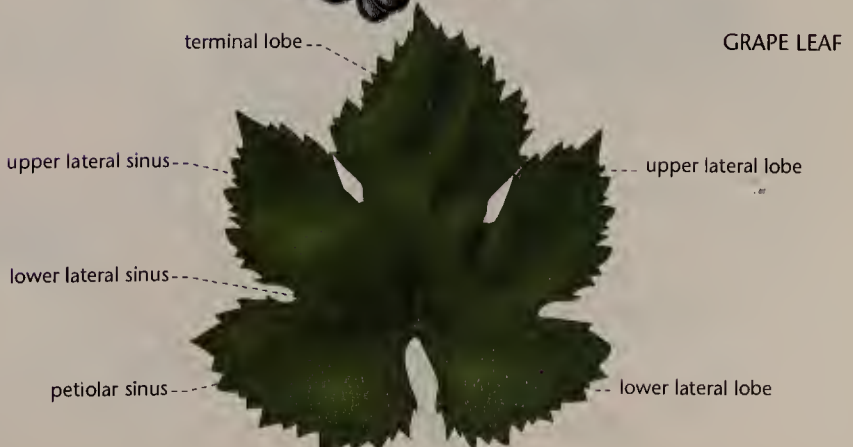
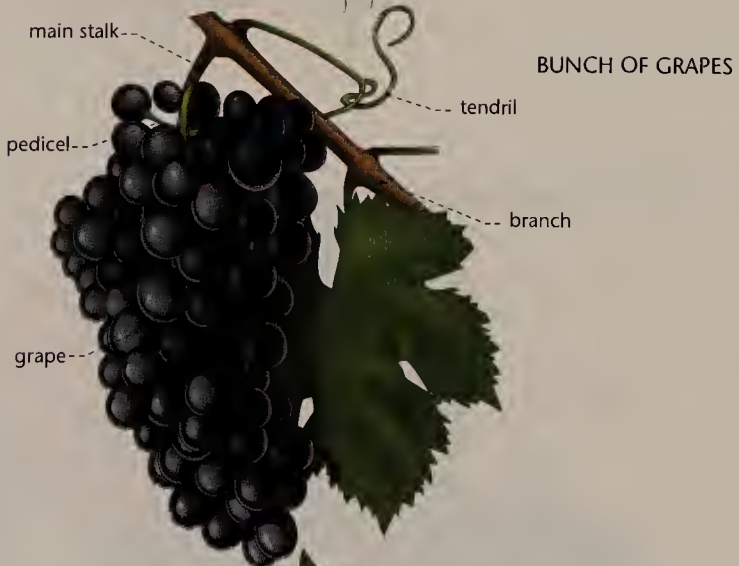
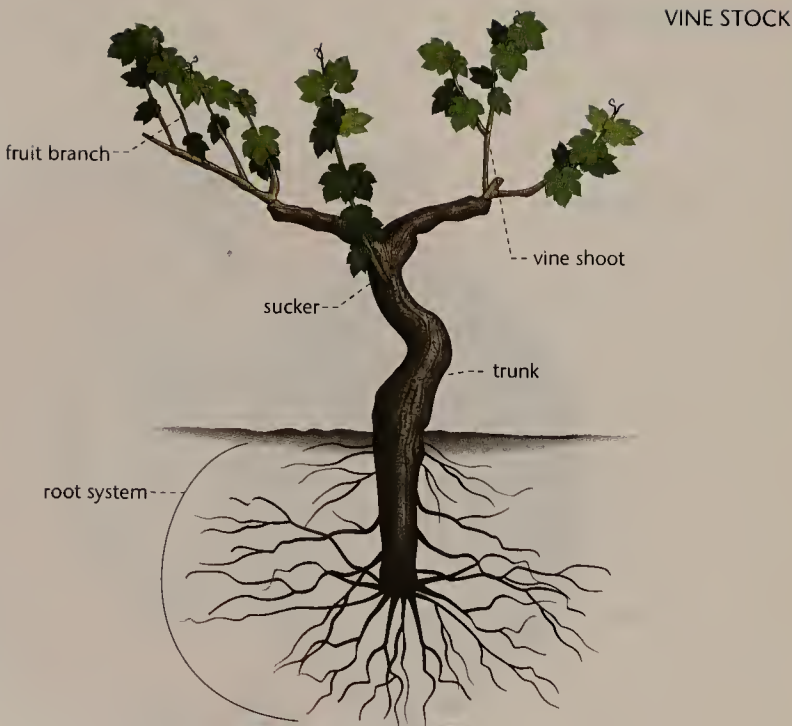
fruition



ripening

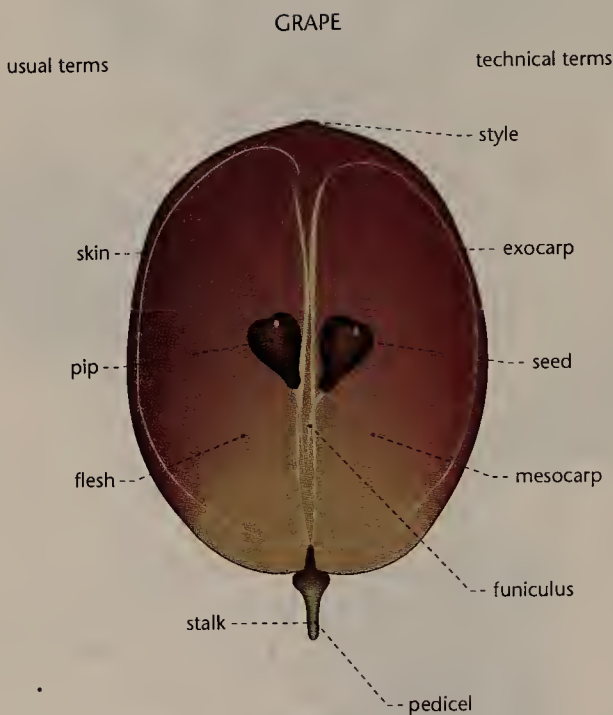


ripeness



FLESHY FRUITS: BERRY FRUITS

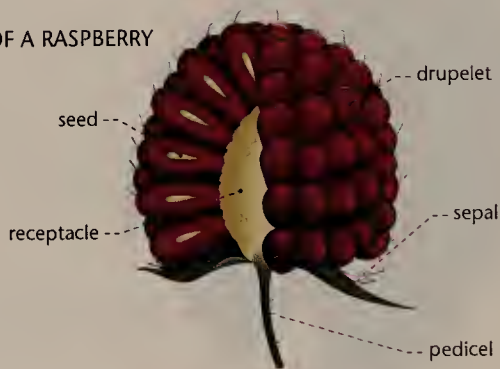
SECTION OF A BERRY



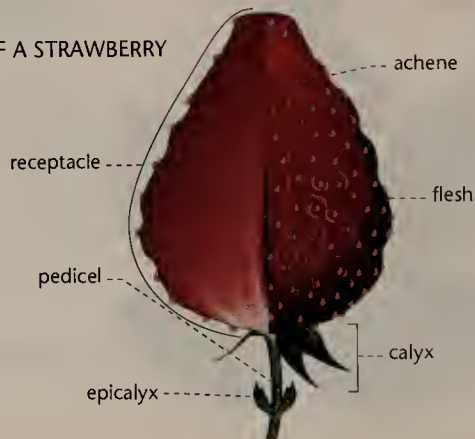
MAJOR TYPES OF BERRIES



SECTION OF A RASPBERRY

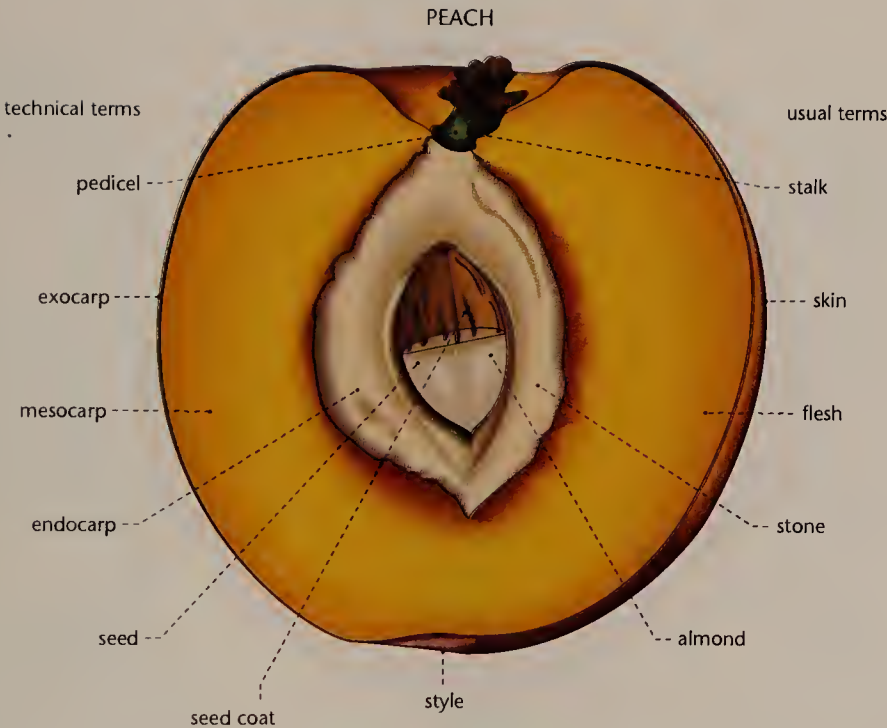


SECTION OF A STRAWBERRY



STONE FLESHY FRUITS

SECTION OF A STONE FRUIT

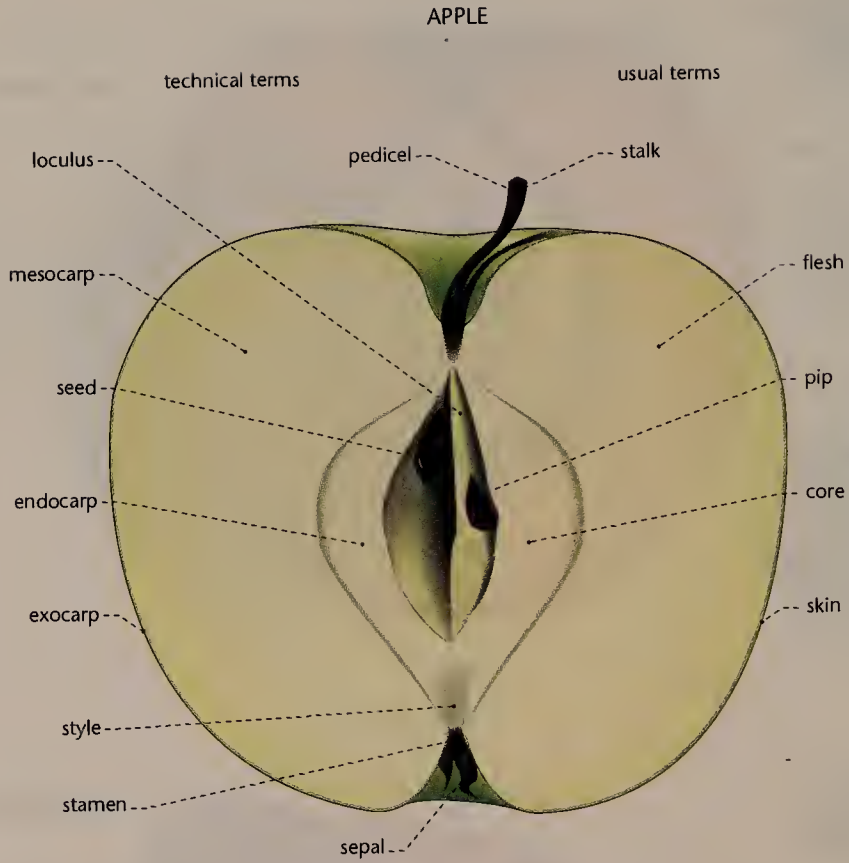


MAJOR TYPES OF STONE FRUITS

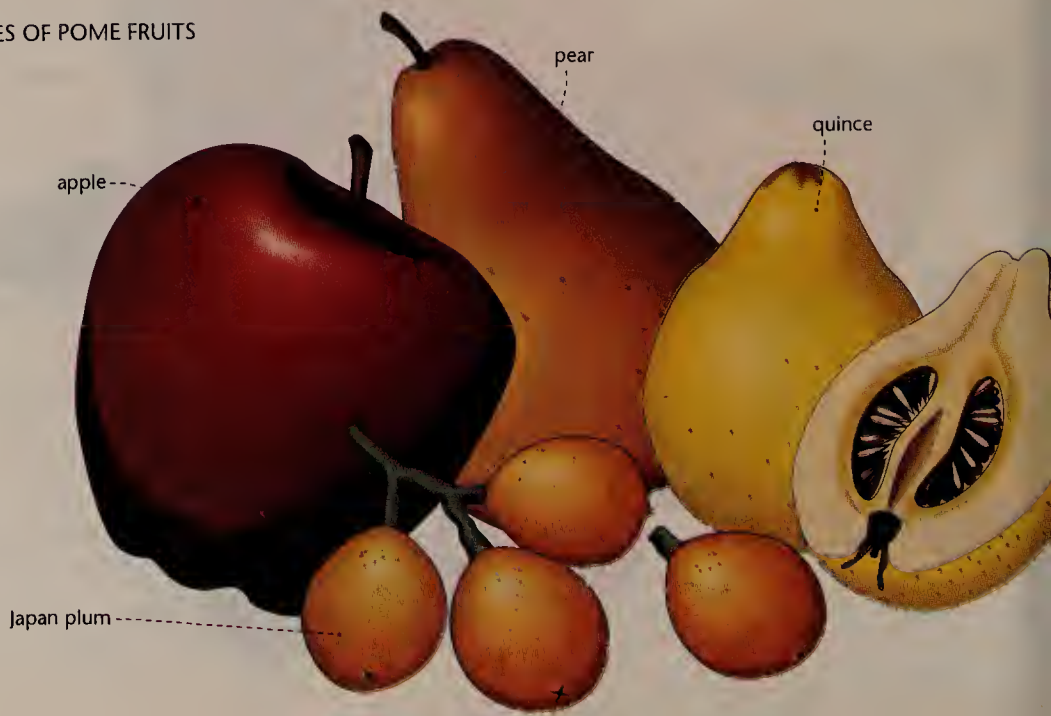


POME FLESHY FRUITS

SECTION OF A POME FRUIT

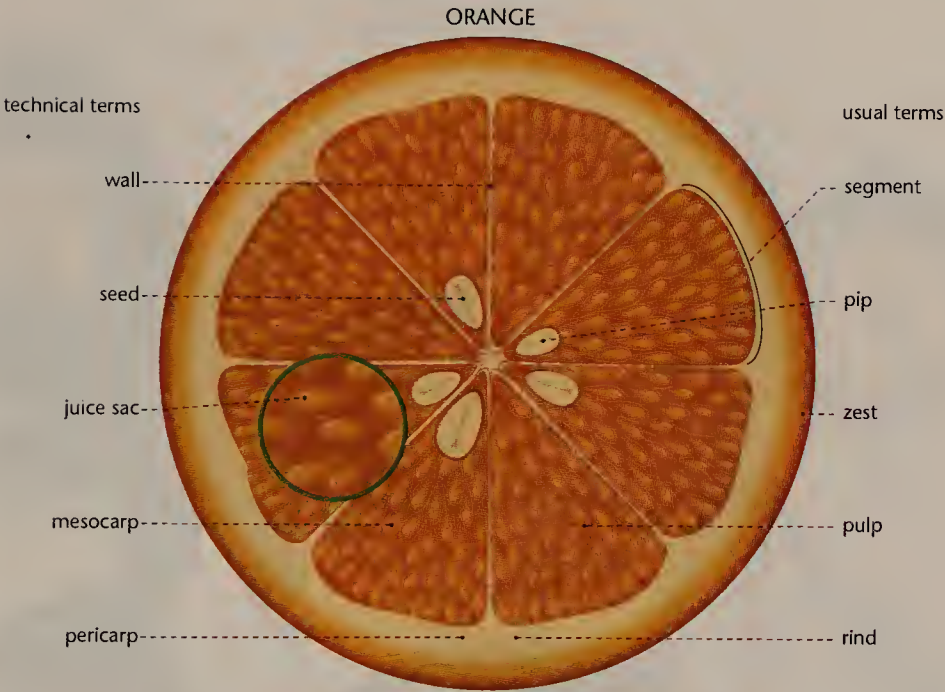


MAJOR TYPES OF POME FRUITS

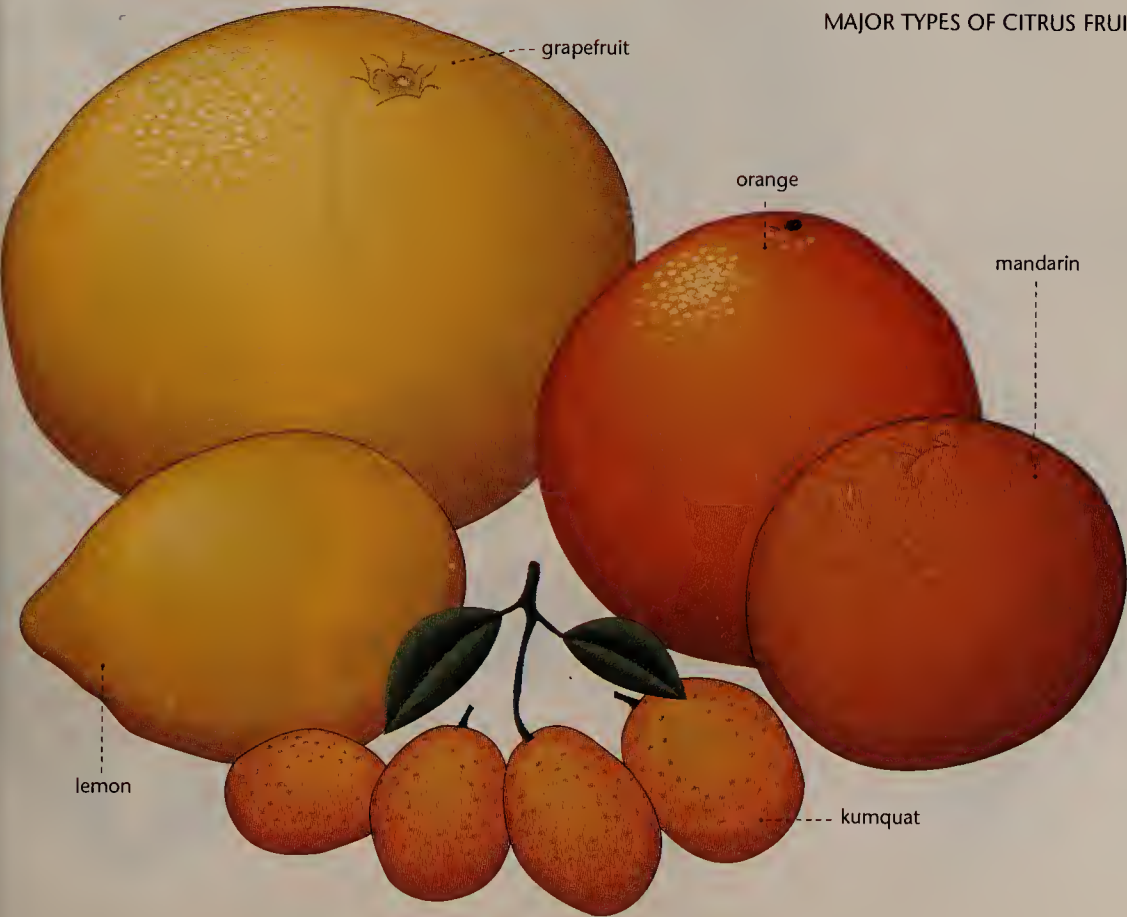


FLESHY FRUITS: CITRUS FRUITS

SECTION OF A CITRUS FRUIT

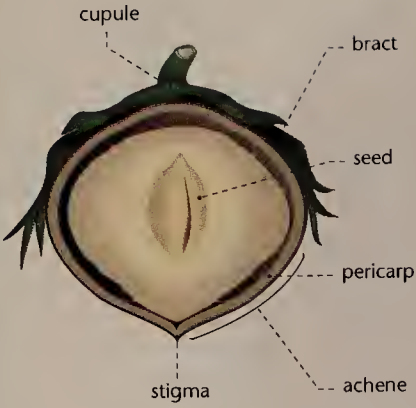


MAJOR TYPES OF CITRUS FRUITS

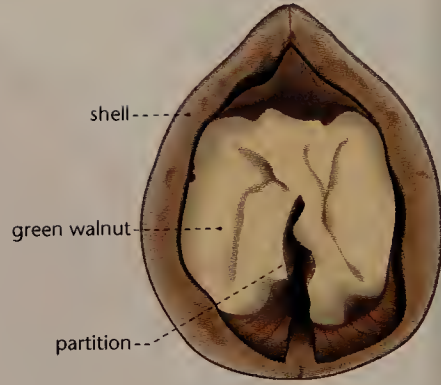


DRY FRUITS: NUTS

SECTION OF A HAZELNUT



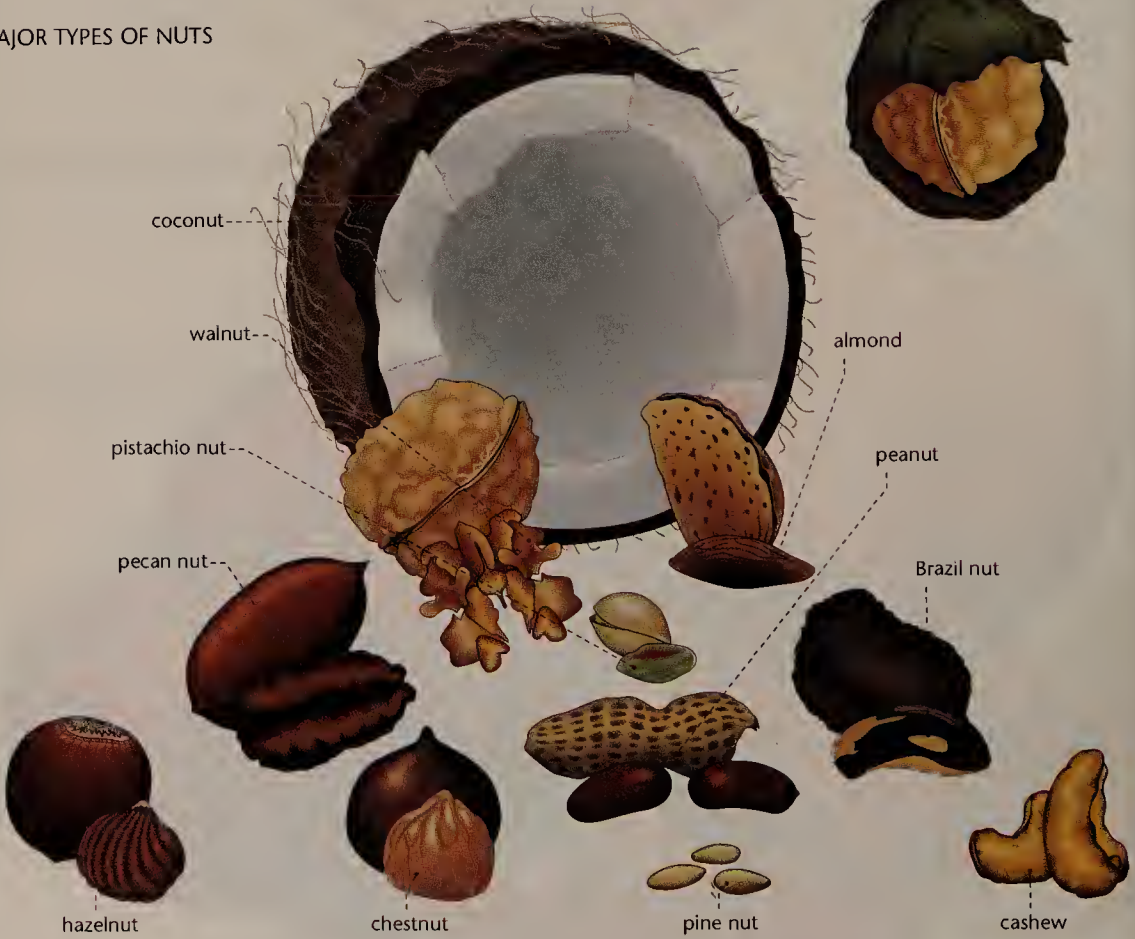
SECTION OF A WALNUT



HUSK

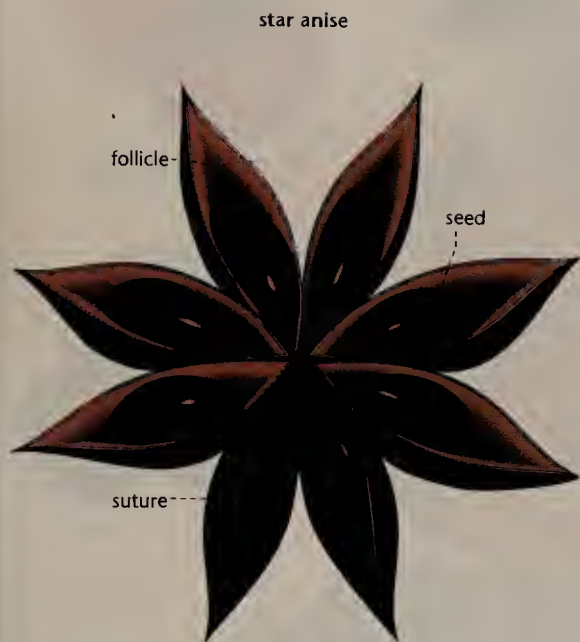


MAJOR TYPES OF NUTS

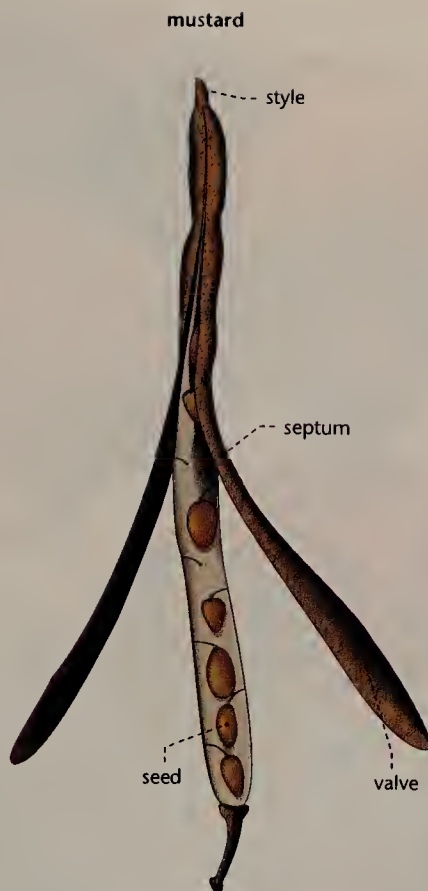


VARIOUS DRY FRUITS

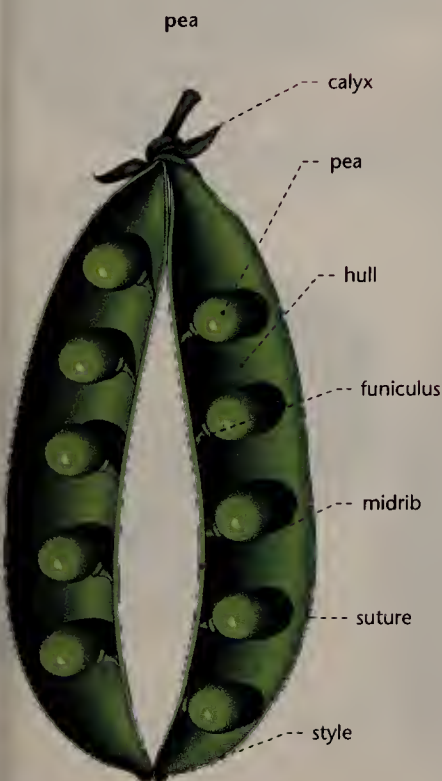
SECTION OF A FOLLICLE



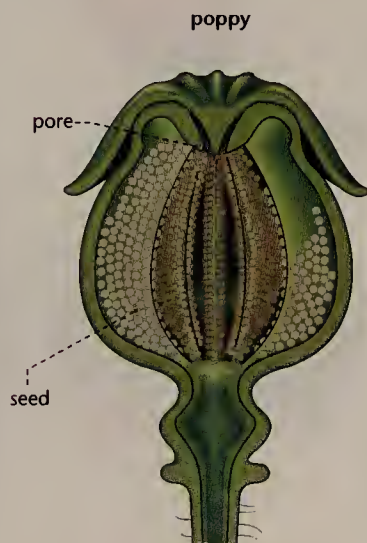
SECTION OF A SILIQUE



SECTION OF A LEGUME

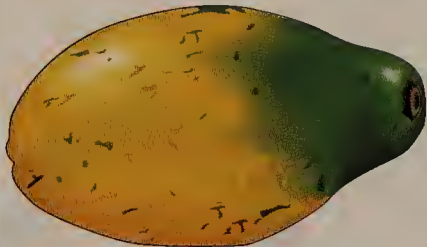


SECTION OF A CAPSULE



TROPICAL FRUITS

MAJOR TYPES OF TROPICAL FRUITS



papaya



litchi



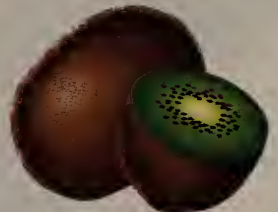
Japanese persimmon



pomegranate



banana



kiwi



Indian fig



cherimoya



guava



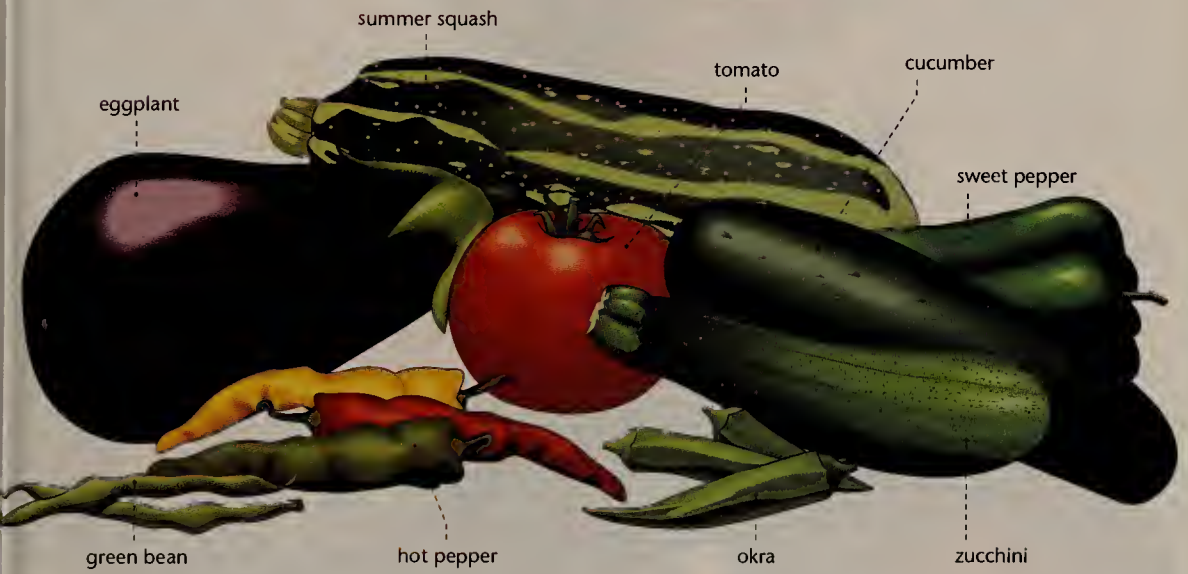
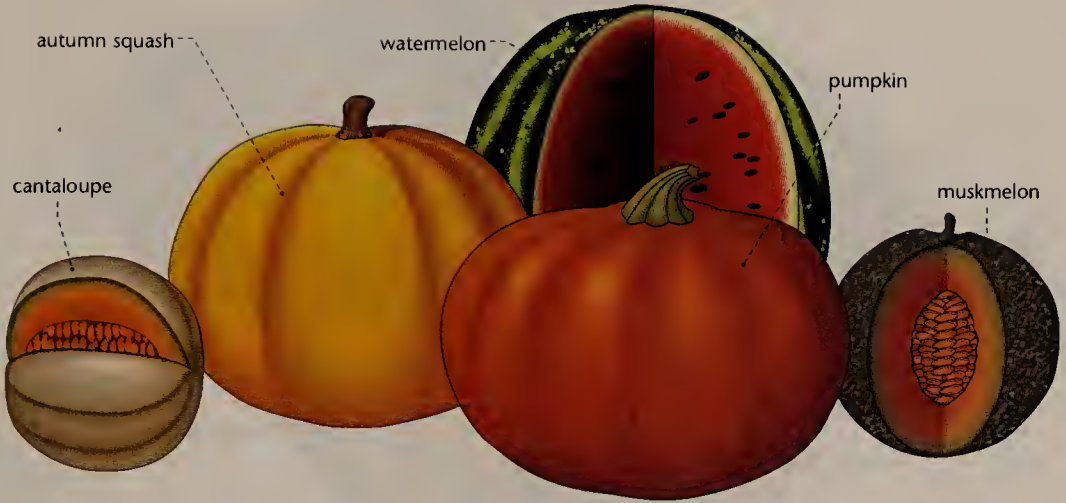
pineapple



avocado

VEGETABLES

FRUIT VEGETABLES

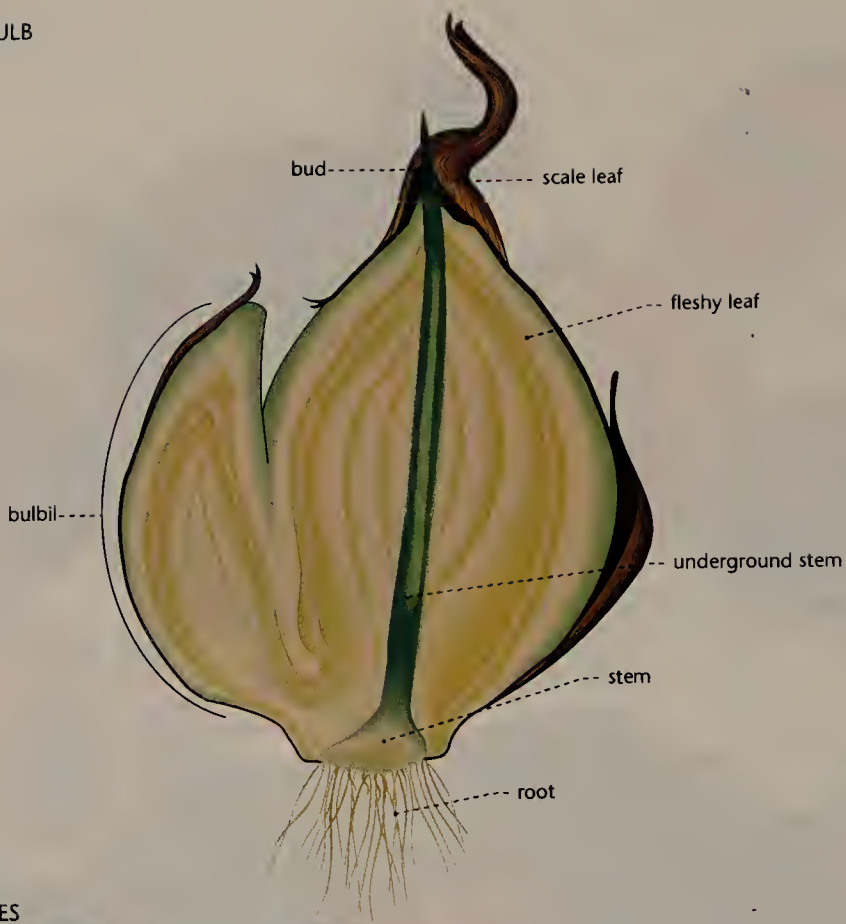


INFLORESCENT VEGETABLES

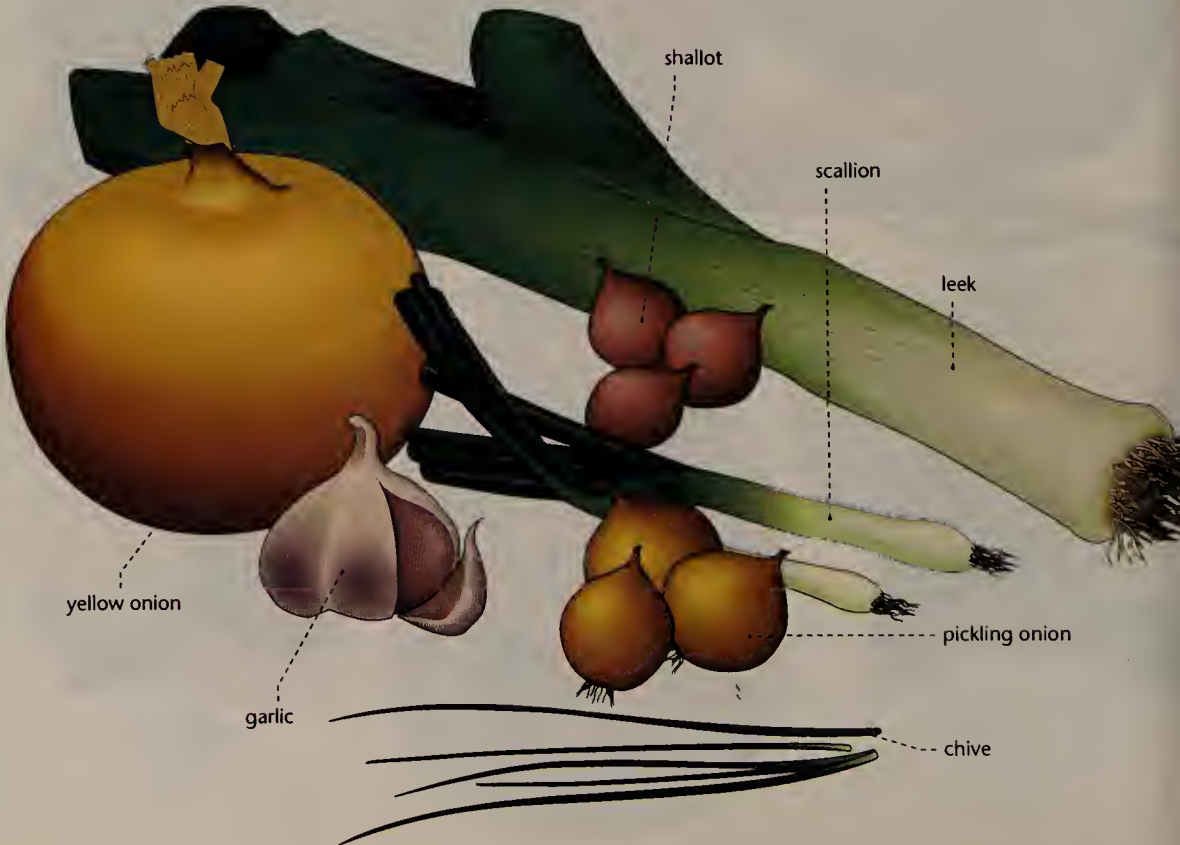


VEGETABLES

SECTION OF A BULB

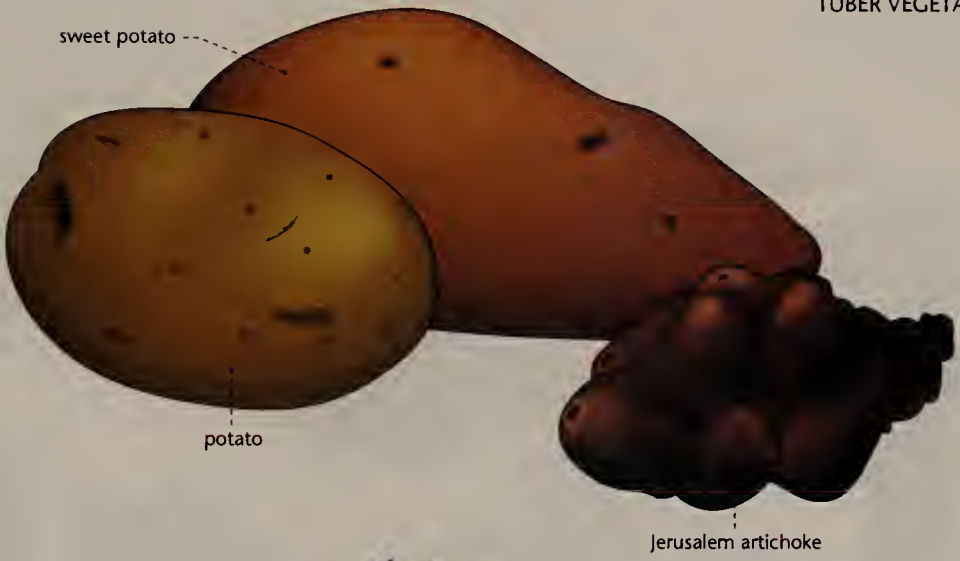


BULB VEGETABLES

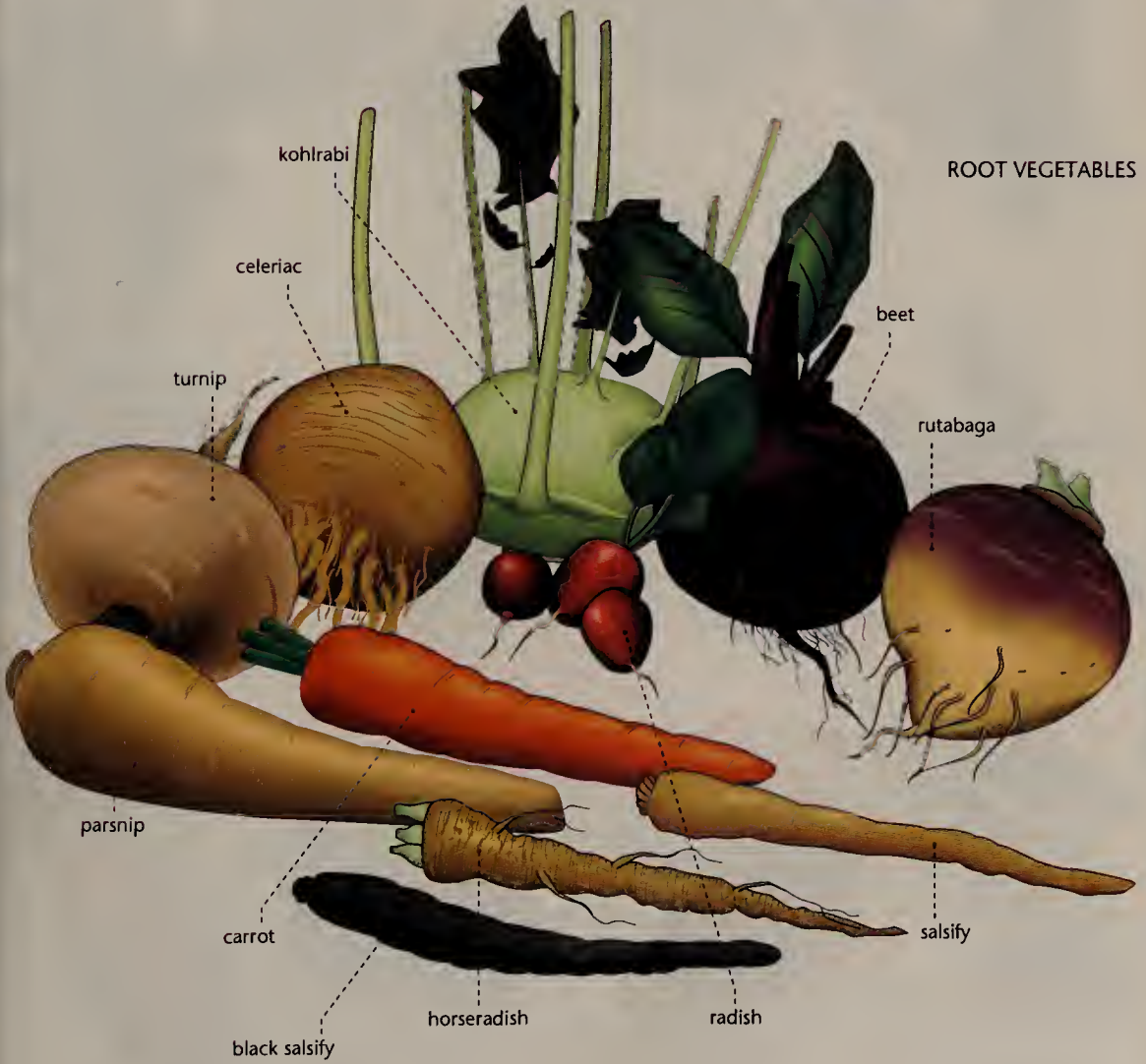


VEGETABLES

TUBER VEGETABLES



ROOT VEGETABLES



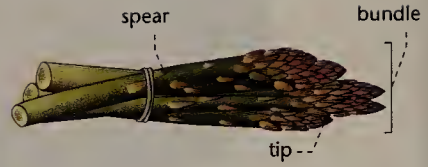
VEGETABLES

STALK VEGETABLES

rhubarb



asparagus



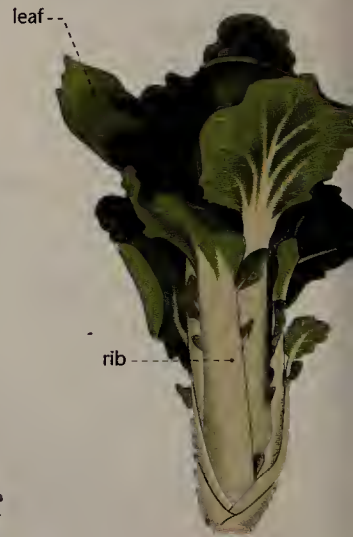
celery



cardoon



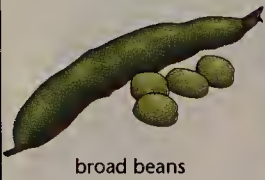
Swiss chard



fennel



SEED VEGETABLES



broad beans



sweet peas



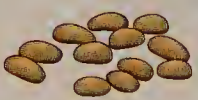
green peas



lentils



chick peas

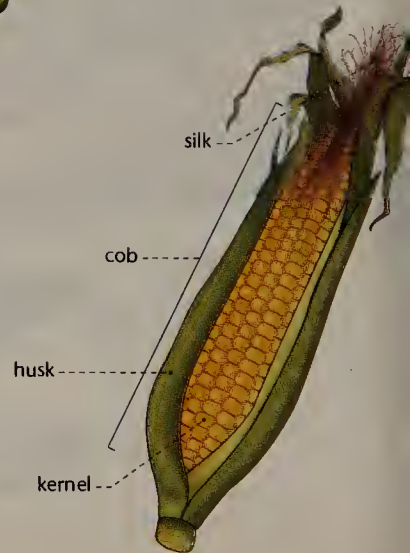


soybeans



bean sprouts

CORN



VEGETABLES

LEAF VEGETABLES



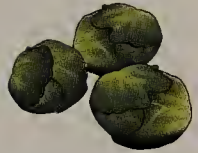
corn salad



watercress



chicory



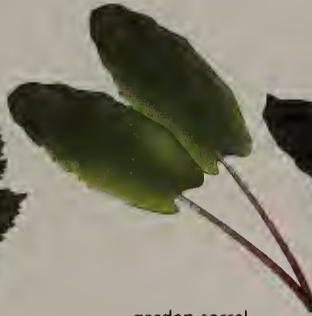
Brussels sprouts



curled kale



grape leaf



garden sorrel



spinach



curled endive



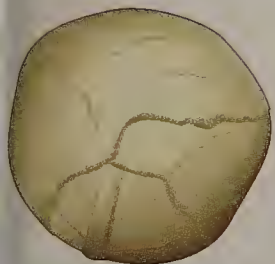
broad-leaved endive



romaine lettuce



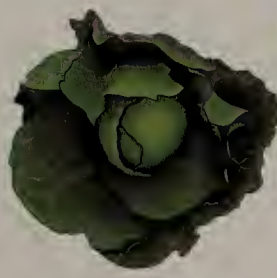
dandelion



white cabbage



cabbage lettuce



green cabbage



Chinese cabbage

HERBS



dill



basil



borage



chervil



coriander



tarragon



hyssop



sweet bay



lovage



mint



oregano



parsley



rosemary



savory

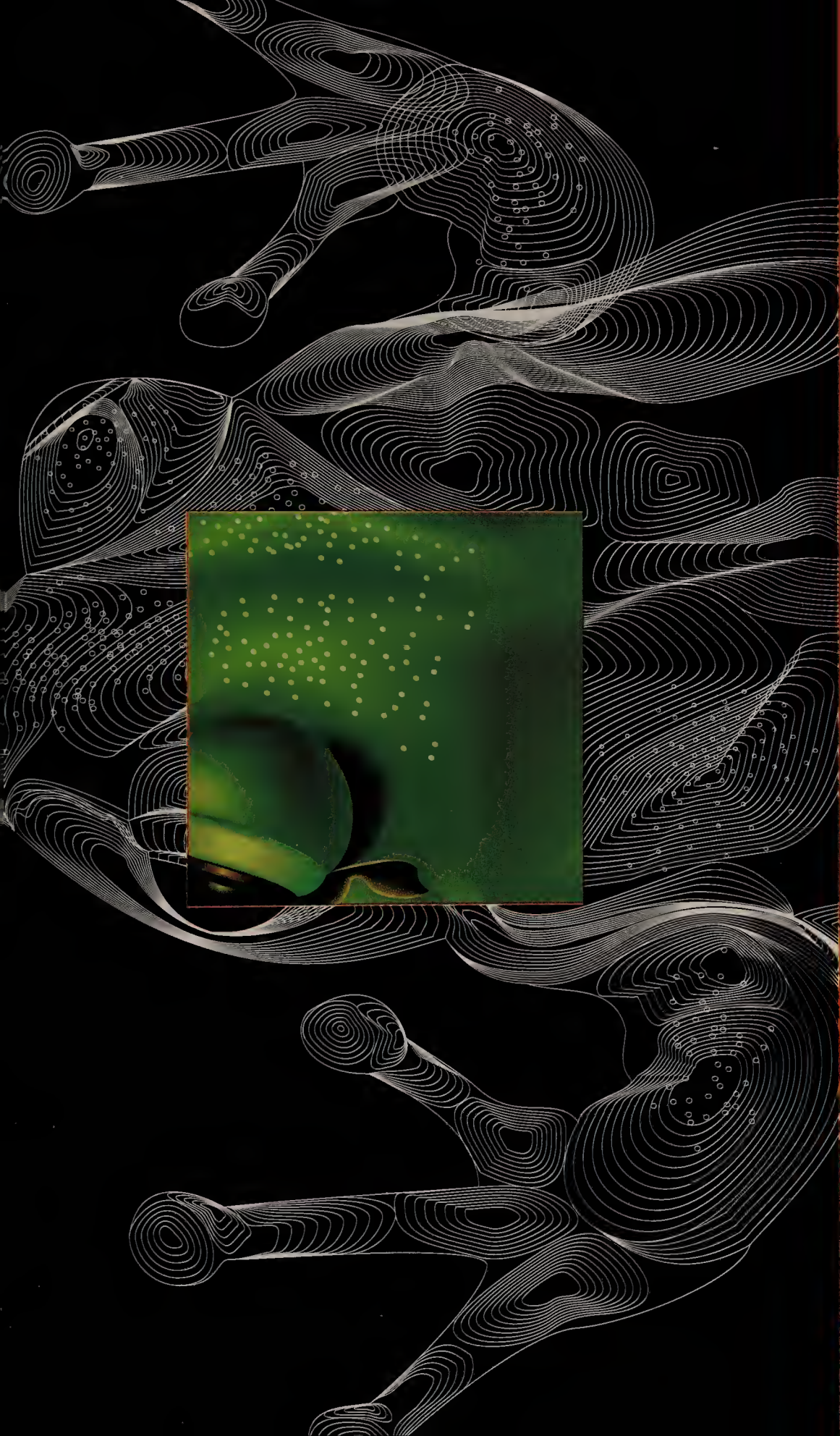


sage



thyme

ANIMAL KINGDOM



CONTENTS

INSECTS AND SPIDER	77
BUTTERFLY	78
HONEYBEE	80
GASTROPOD	83
AMPHIBIANS	84
FISH	86
CRUSTACEAN	90
MOLLUSK	92
UNIVALVE SHELL	94
BIVALVE SHELL	95
REPTILE	96
TYPES OF JAWS	98
MAJOR TYPES OF HORNS	99
MAJOR TYPES OF TUSKS	99
TYPES OF HOOFS	99
HORSE	100
DEER FAMILY	105
DOG	106
CAT	107
BIRD	108
BAT	112



spider



dragonfly



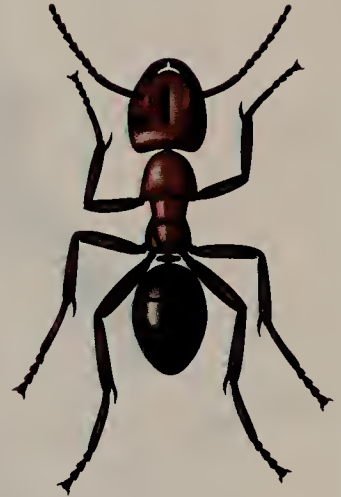
cicada



fly



ladybug



ant



grasshopper

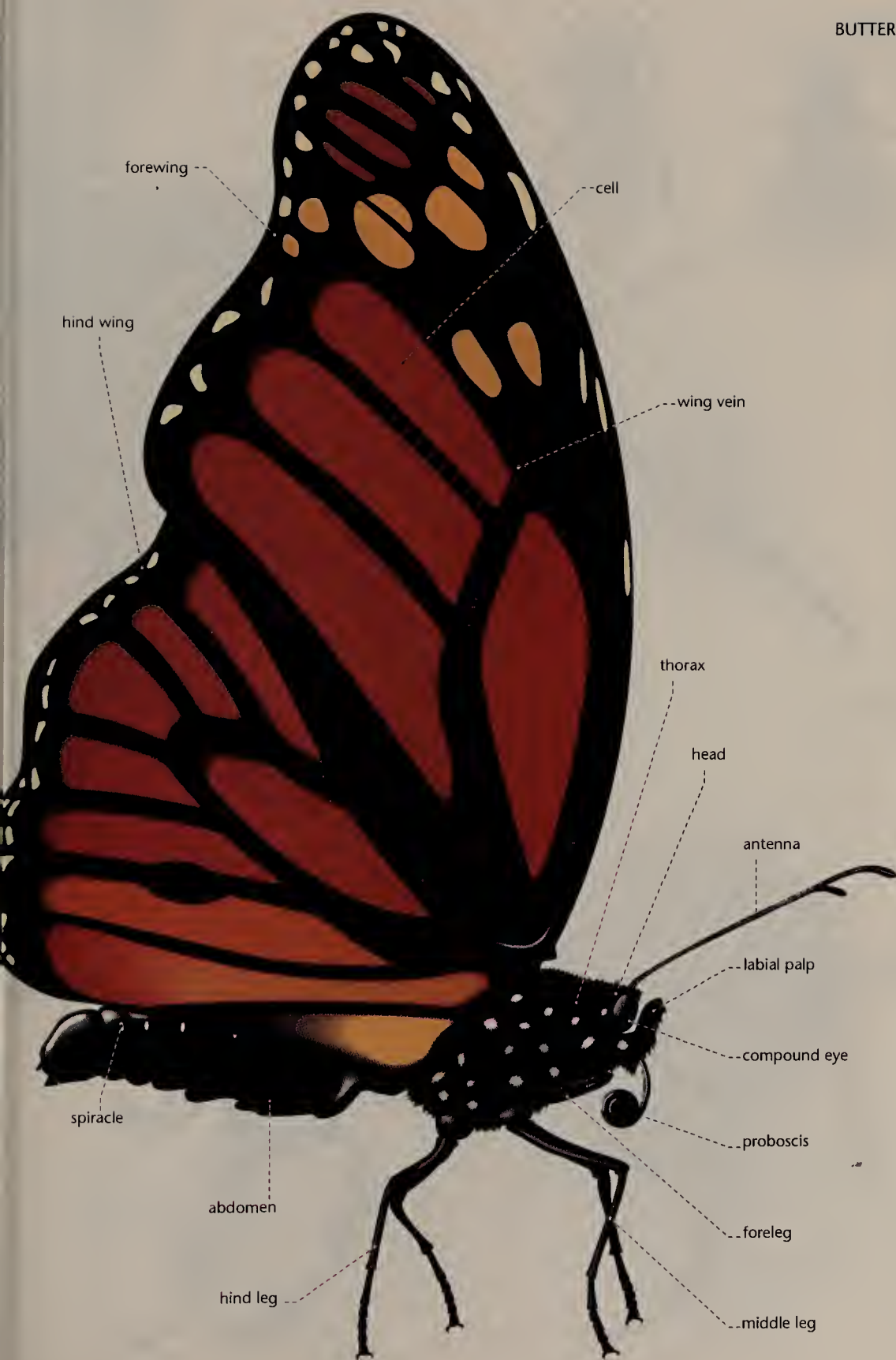
BUTTERFLY

CATERPILLAR



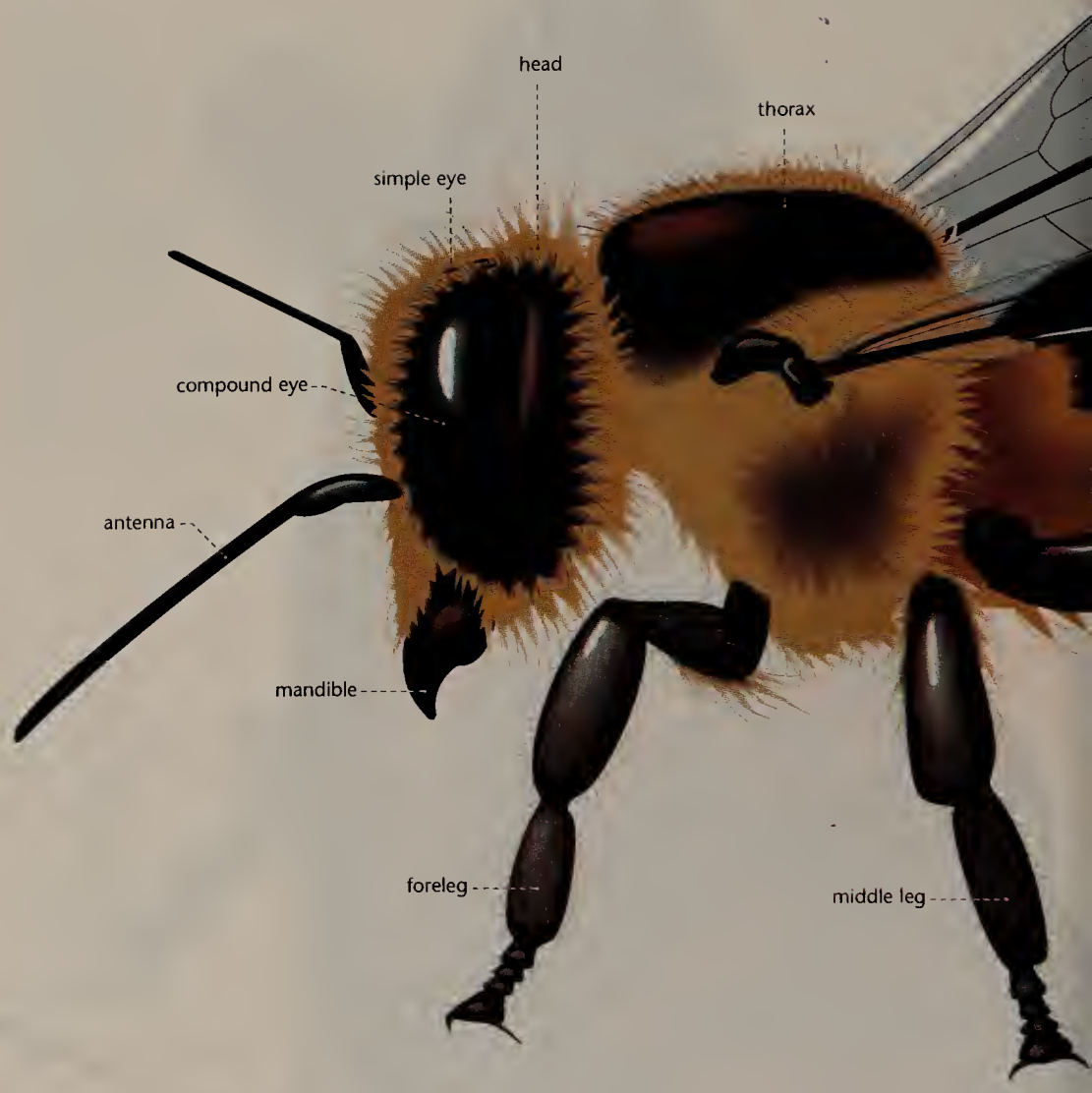
CHRYSALIS



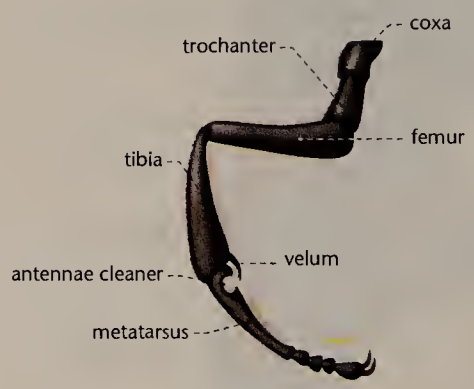


HONEYBEE

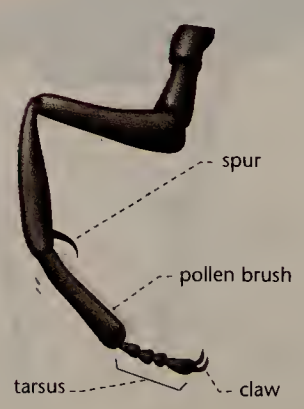
WORKER



FORELEG (OUTER SURFACE)



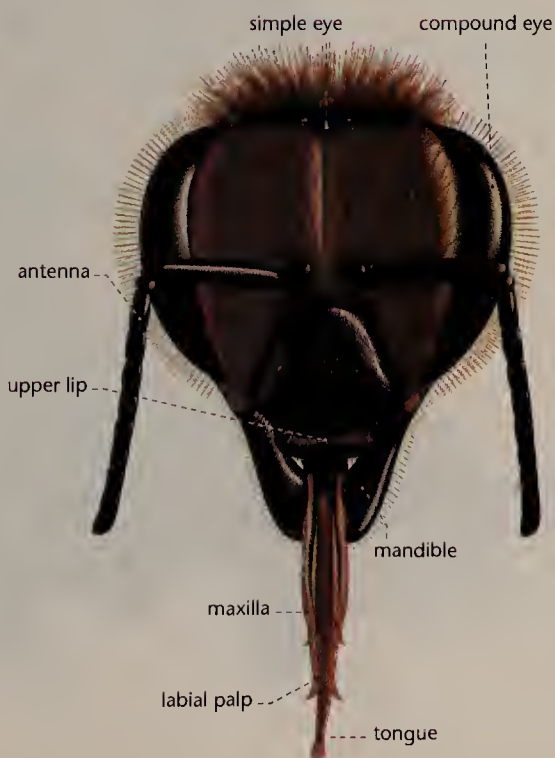
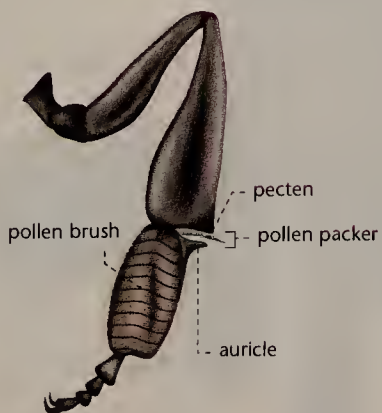
MIDDLE LEG (OUTER SURFACE)





MOUTHPARTS

HIND LEG (INNER SURFACE)



HONEYBEE

HONEYCOMB SECTION

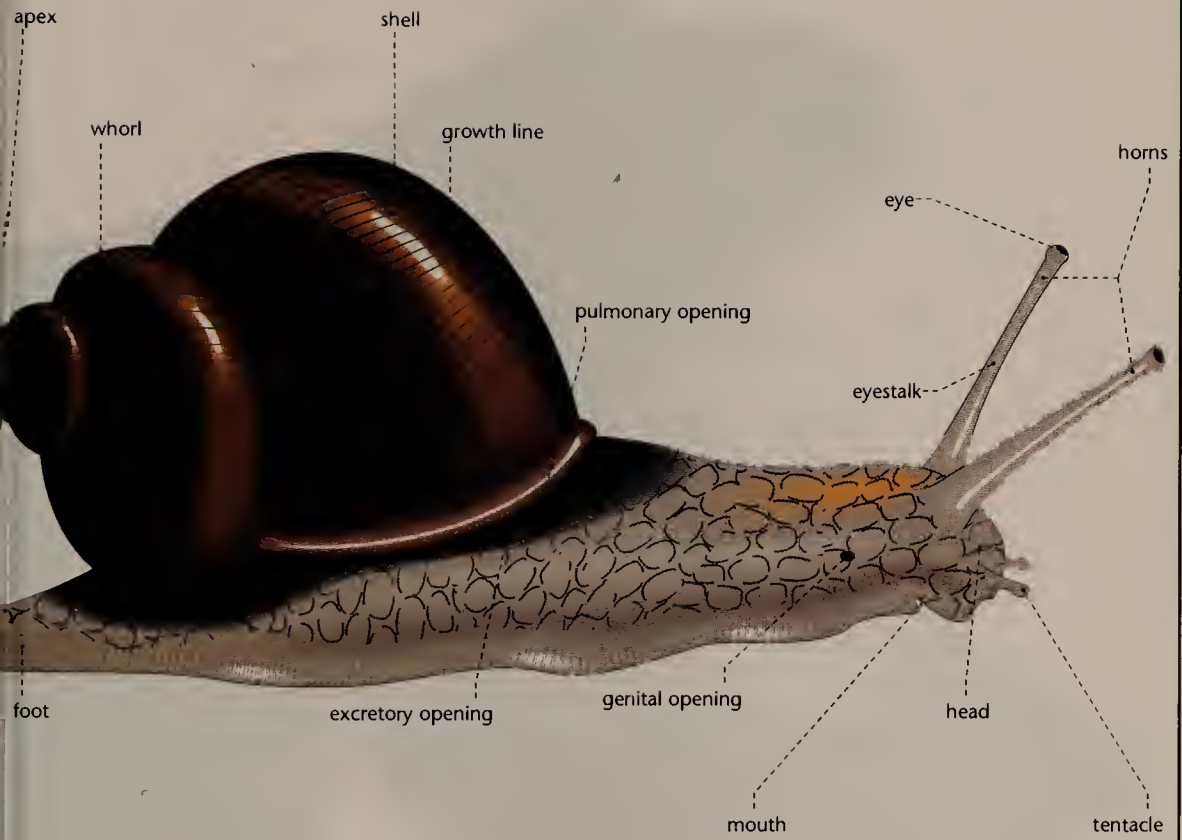


HIVE



GASTROPOD

SNAIL

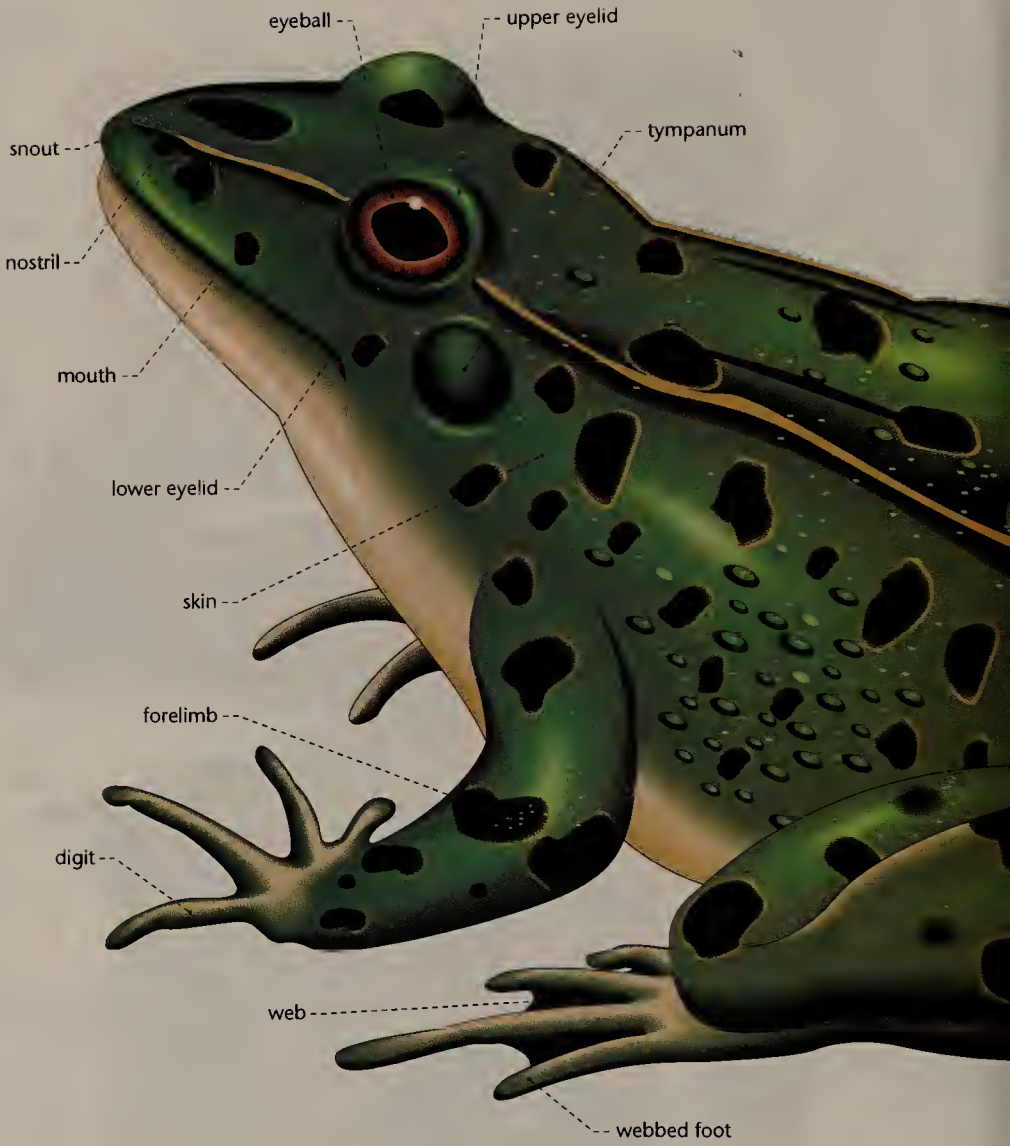


MAJOR EDIBLE GASTROPODS



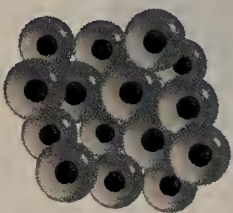
AMPHIBIANS

FROG



LIFE CYCLE OF THE FROG

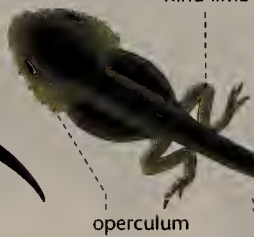
eggs



tadpole



hind limb



forelimb



toad

warty skin



tree frog



hind limb

adhesive disk



salamander



FISH

MORPHOLOGY



first dorsal fin



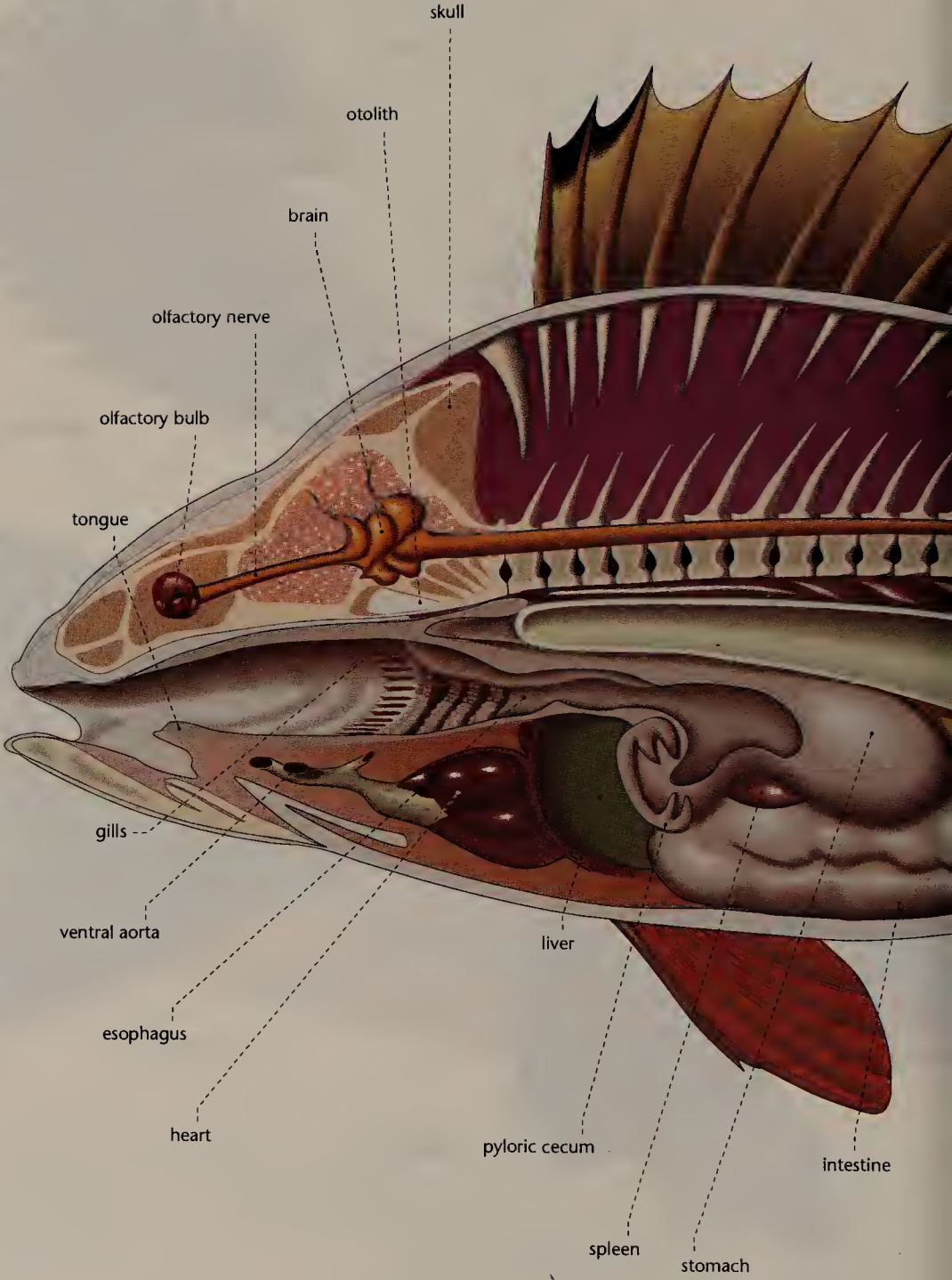
second dorsal fin

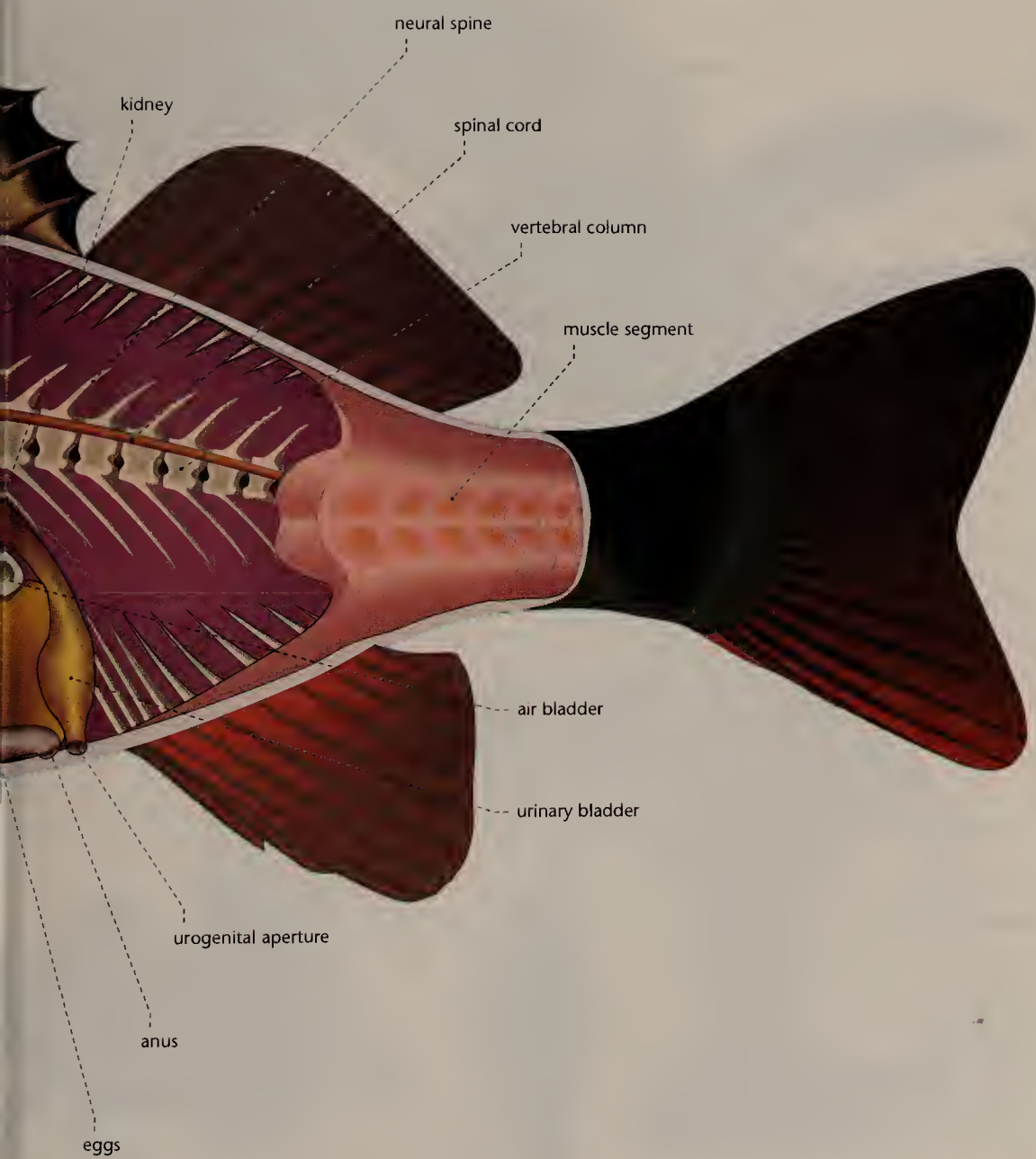




FISH

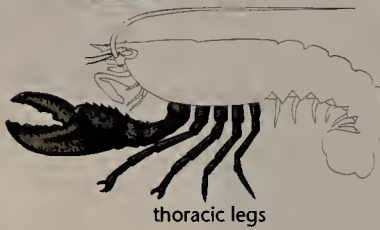
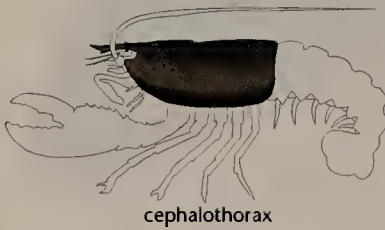
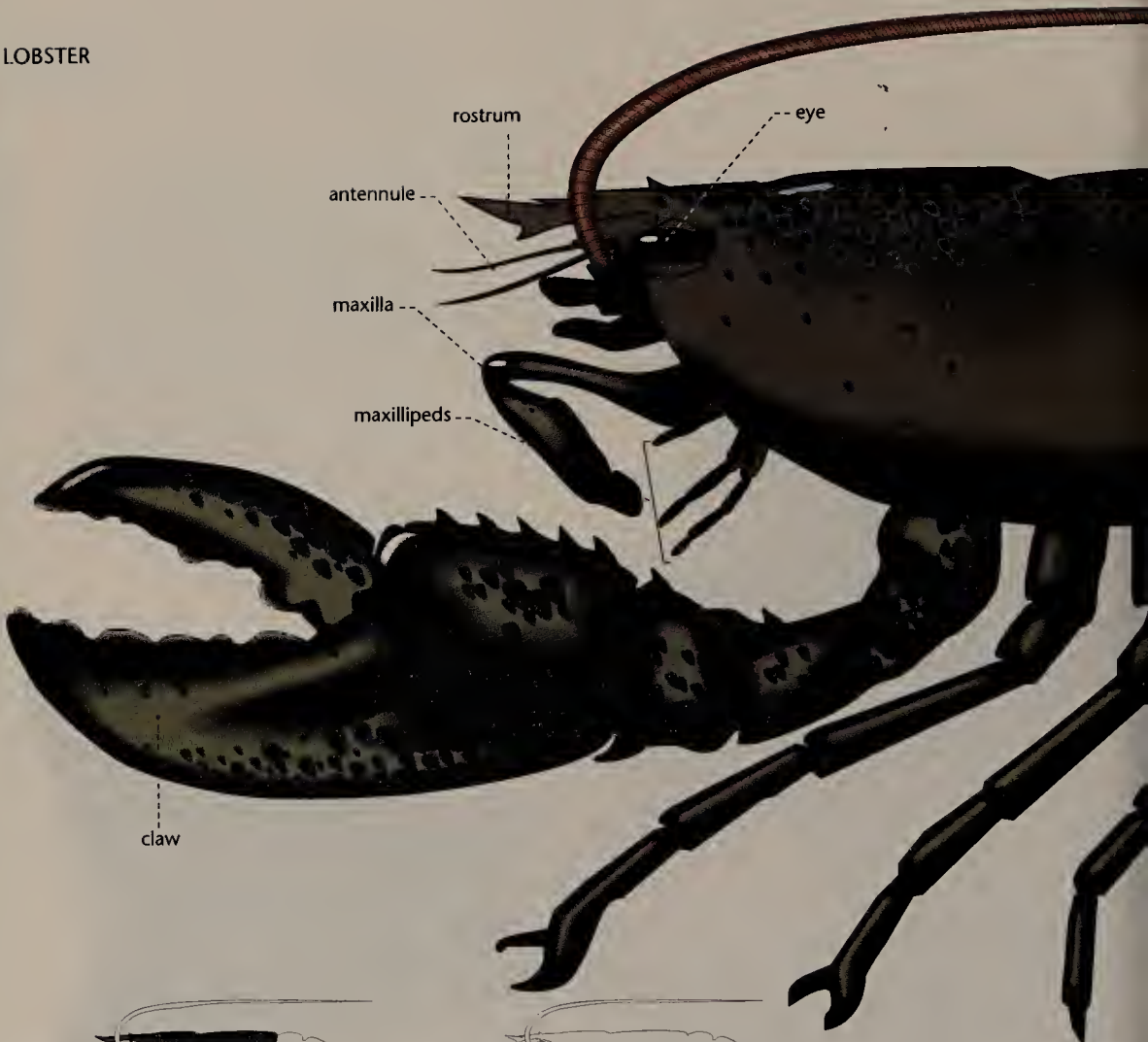
ANATOMY





CRUSTACEAN

LOBSTER



MAJOR EDIBLE CRUSTACEANS



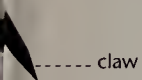
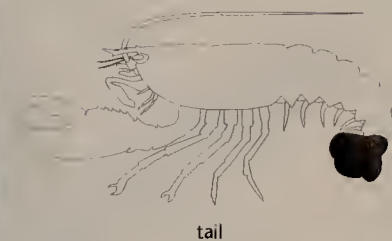
shrimp



crayfish



crab



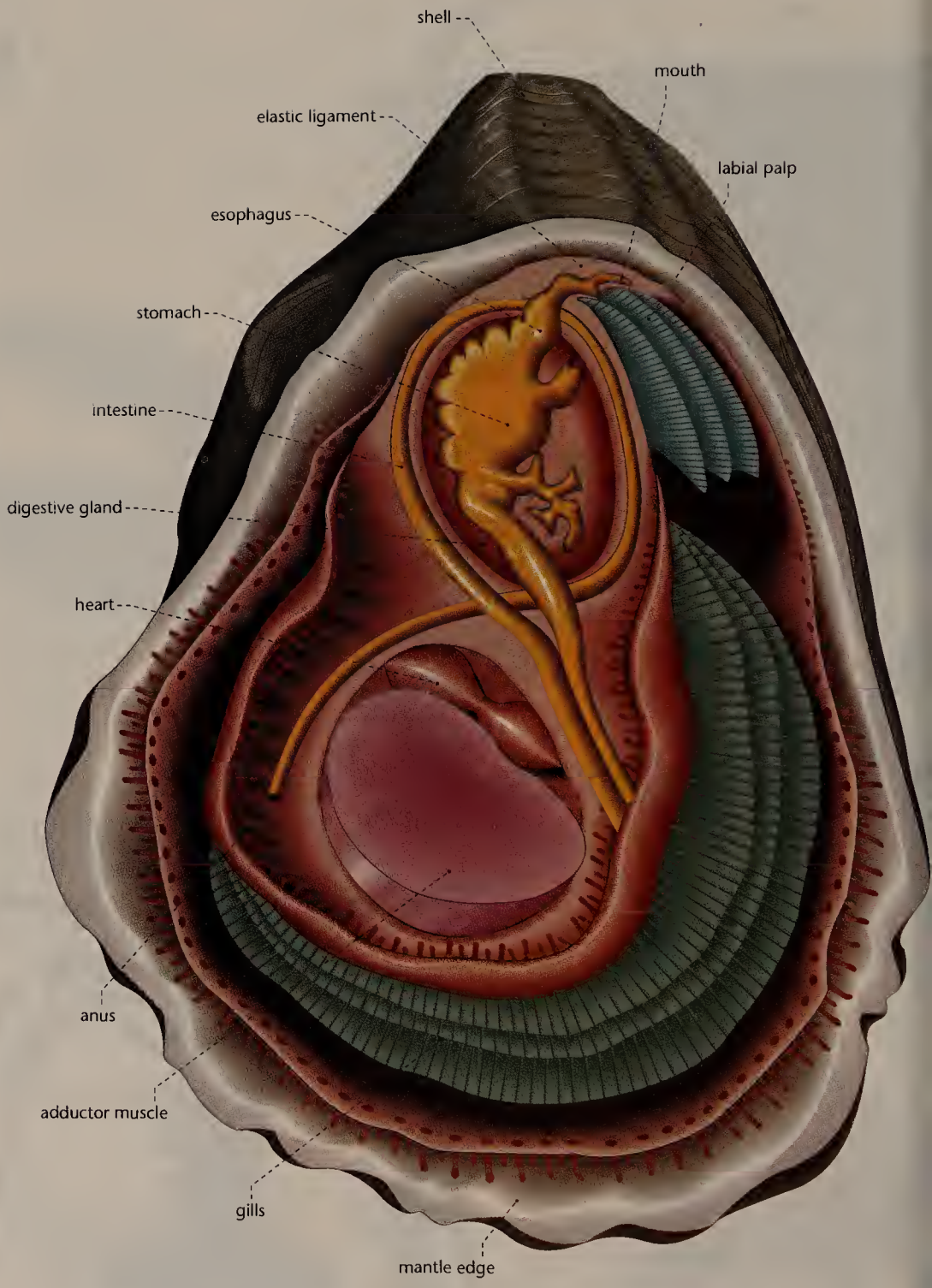
scampi



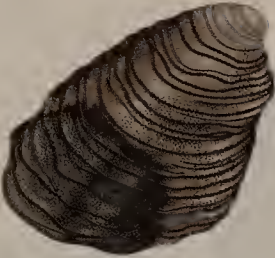
spiny lobster

MOLLUSK

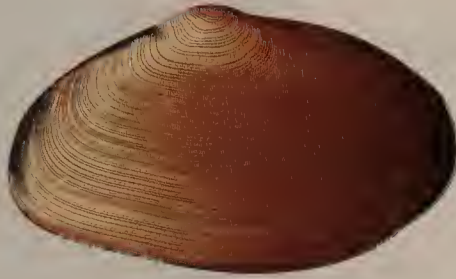
OYSTER



MAJOR EDIBLE MOLLUSKS



oyster



soft shell clam



scallop



razor clam



blue mussel



cockle



great scallop

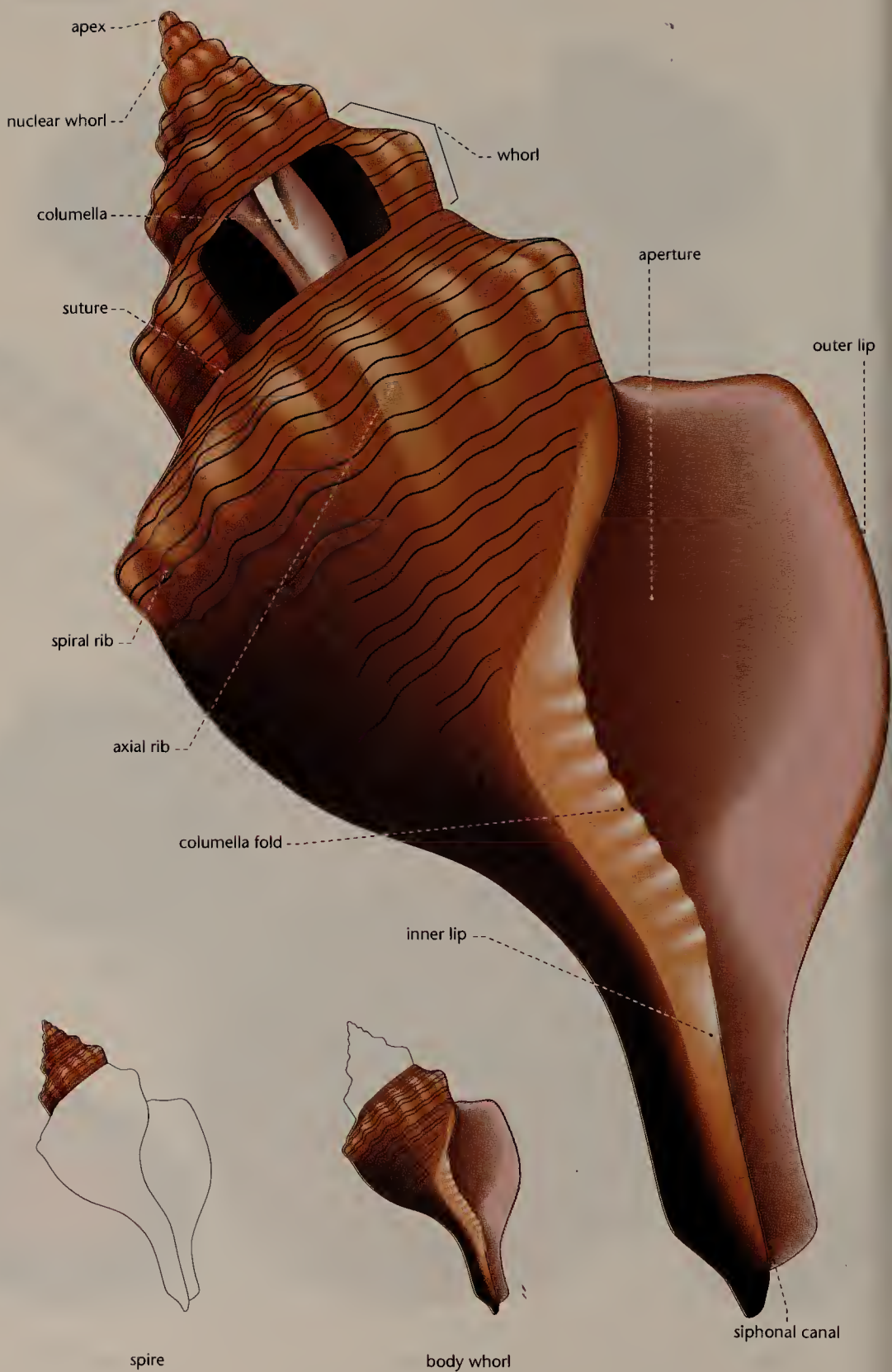


clam



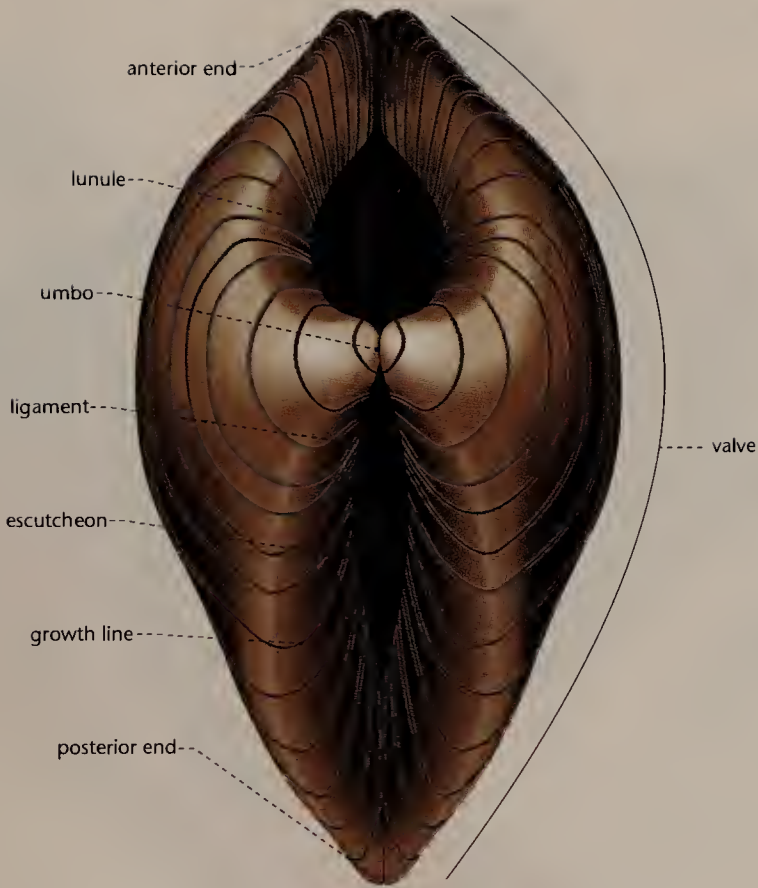
hard shell clam

UNIVALVE SHELL

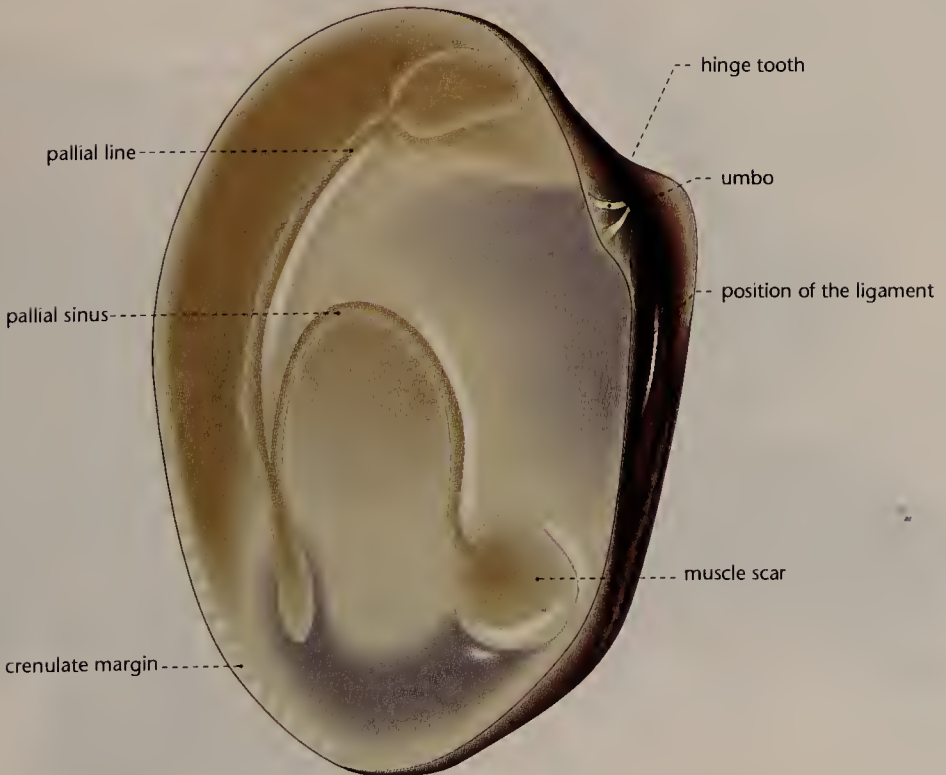


BIVALVE SHELL

DORSAL VIEW

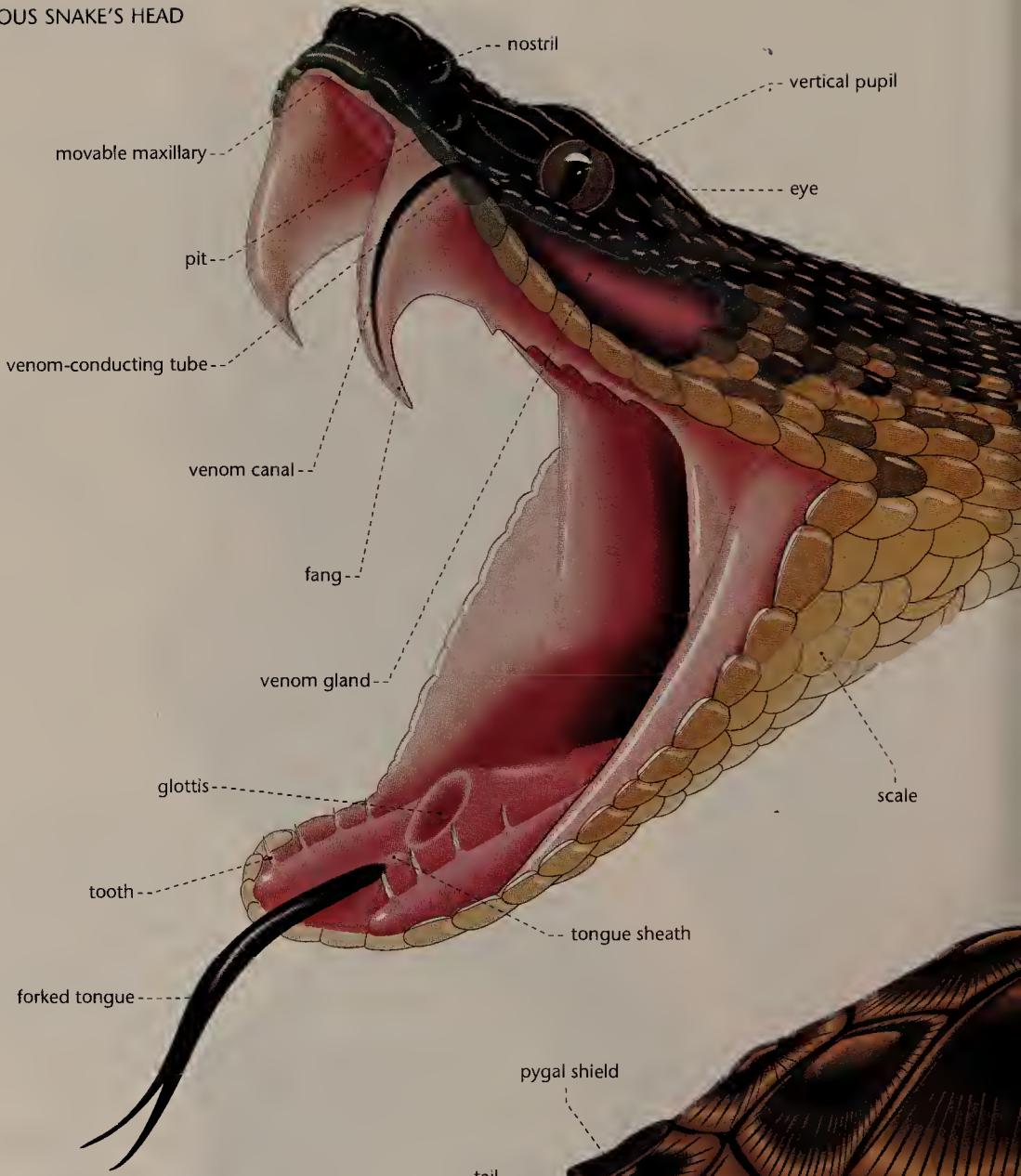


LEFT VALVE

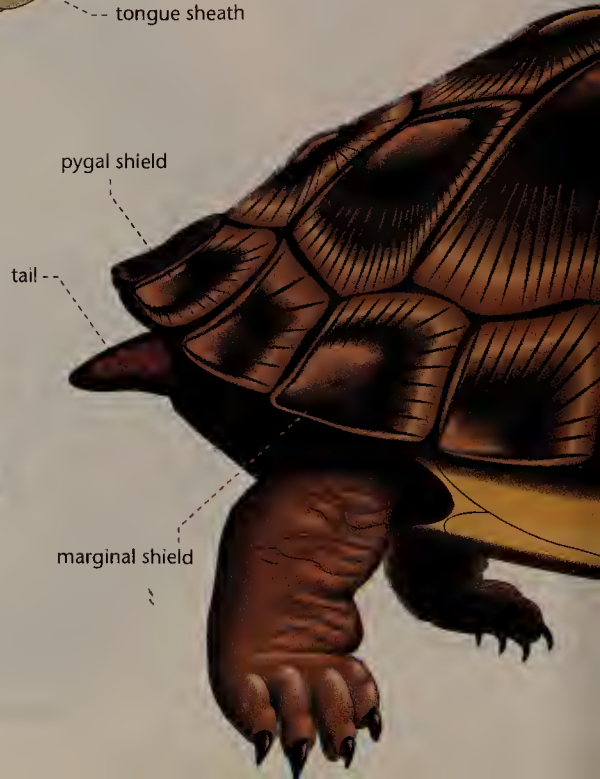
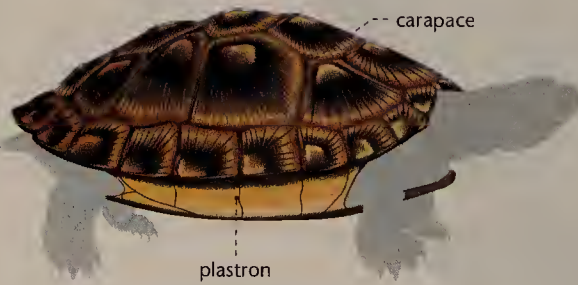


REPTILE

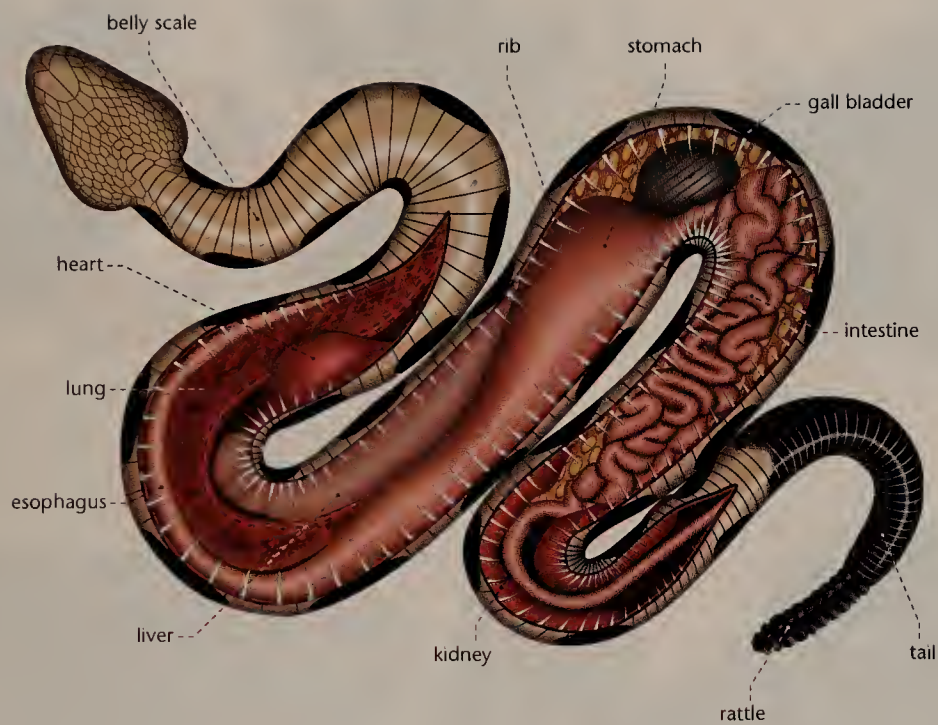
VENOMOUS SNAKE'S HEAD



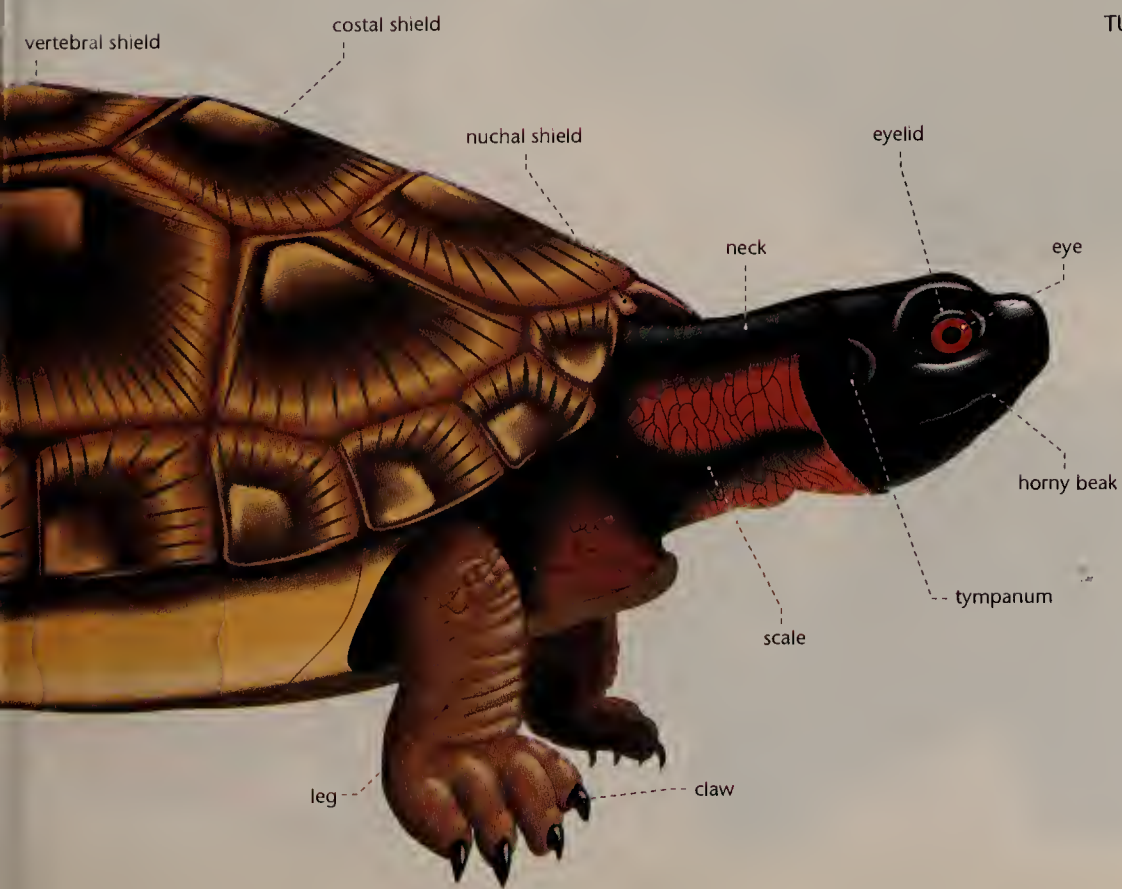
SHELL



RATTLESNAKE



TURTLE



TYPES OF JAWS

BEAVER



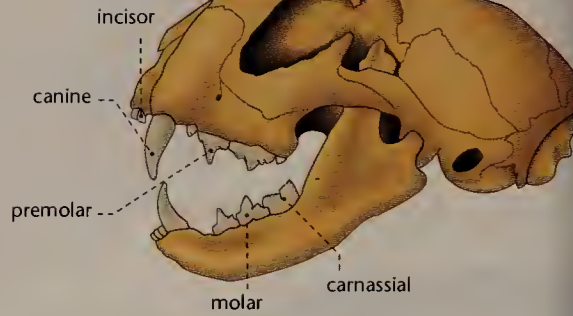
RODENT'S JAW



LION



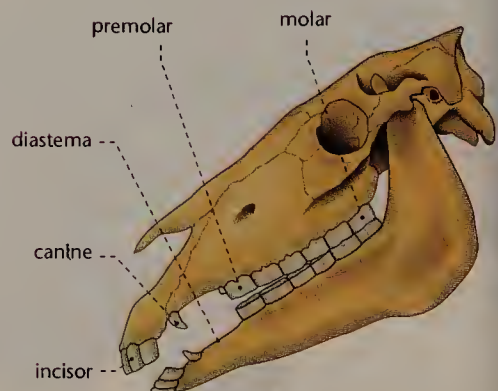
CARNIVORE'S JAW



HORSE



HERBIVORE'S JAW



MAJOR TYPES OF HORNS



horns of mouflon



horns of giraffe



horns of rhinoceros

MAJOR TYPES OF TUSKS



tusks of elephant



tusks of walrus



tusks of wart hog

TYPES OF HOOFS



one-toe hoof



two-toed hoof



three-toed hoof

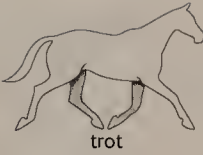
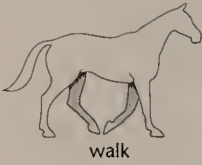
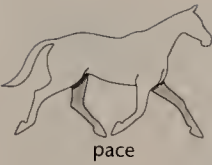


four-toed hoof

HORSE

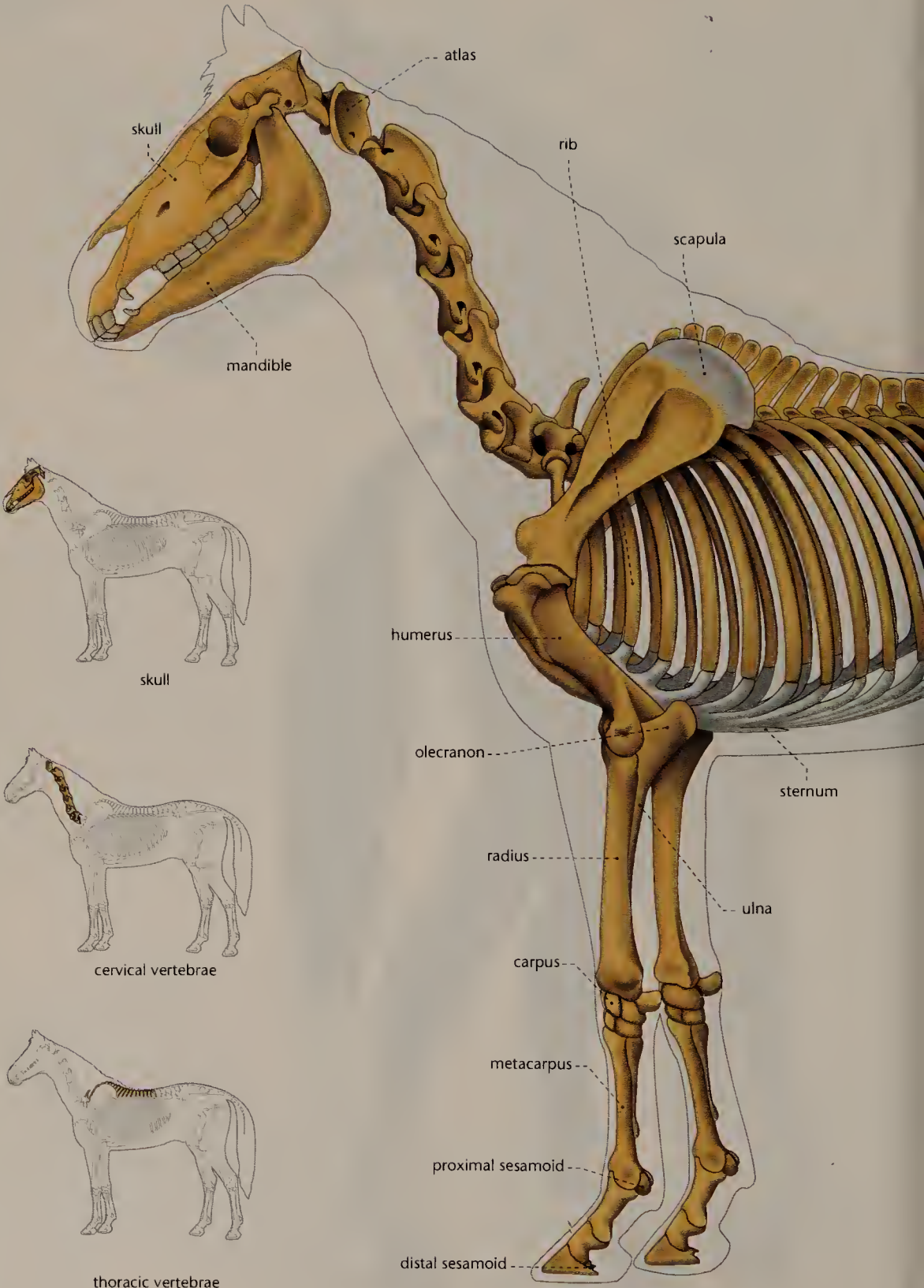
MORPHOLOGY

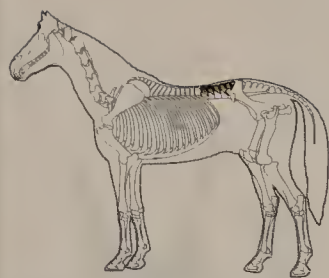




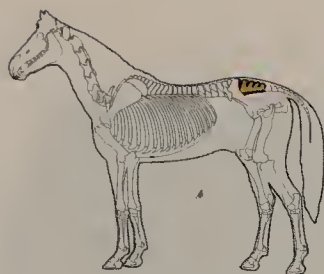
HORSE

SKELETON

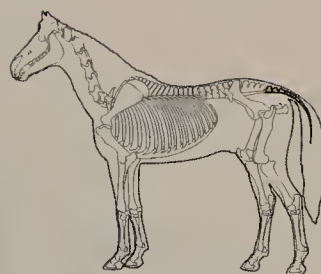




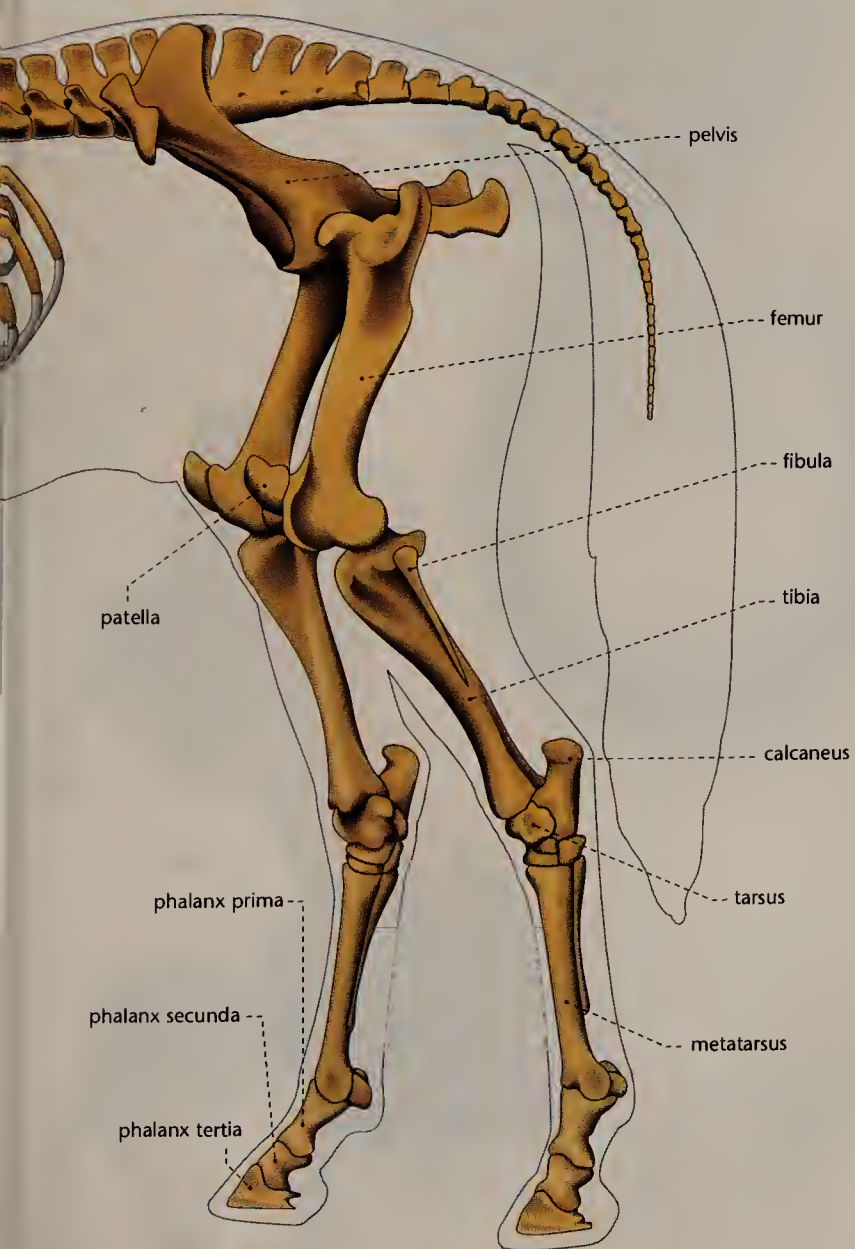
lumbar vertebrae



sacral vertebrae

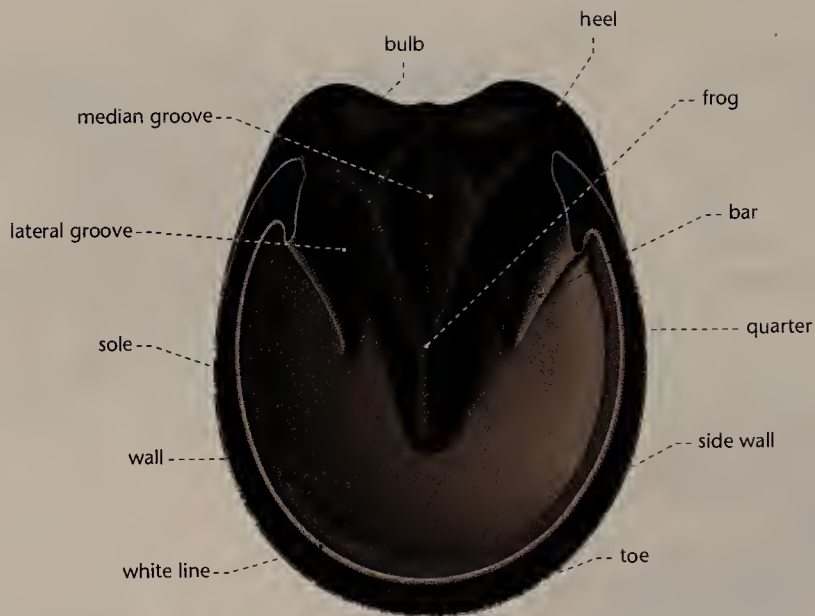


caudal vertebrae



HORSE

PLANTAR SURFACE OF THE HOOF



HORSESHOE



HOOF



DEER FAMILY

DEER ANTLERS



KINDS OF DEER



caribou



white-tailed deer



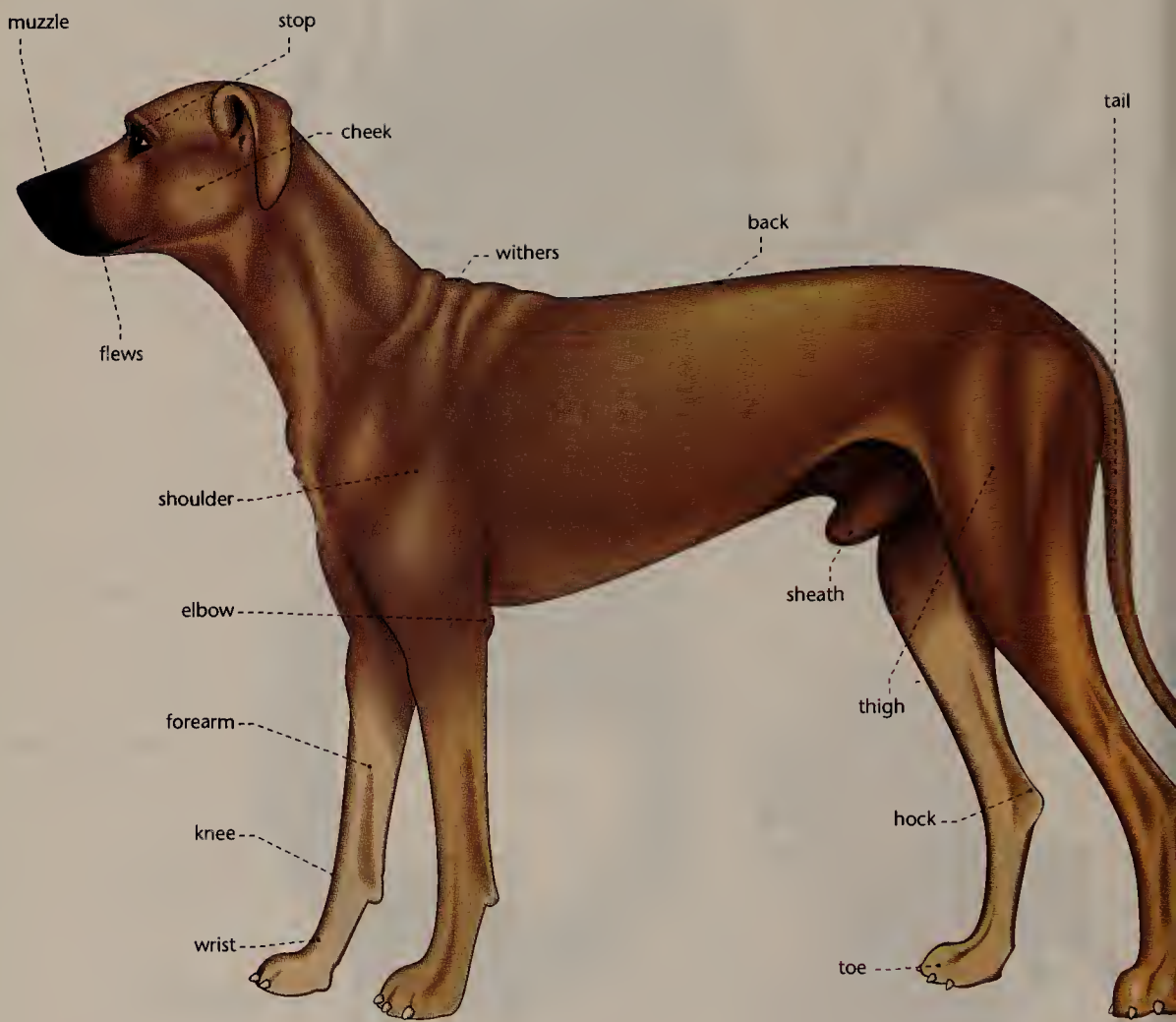
moose



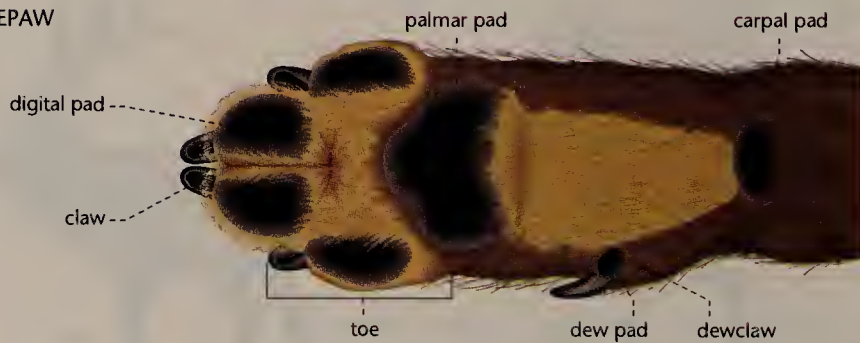
wapiti

DOG

MORPHOLOGY

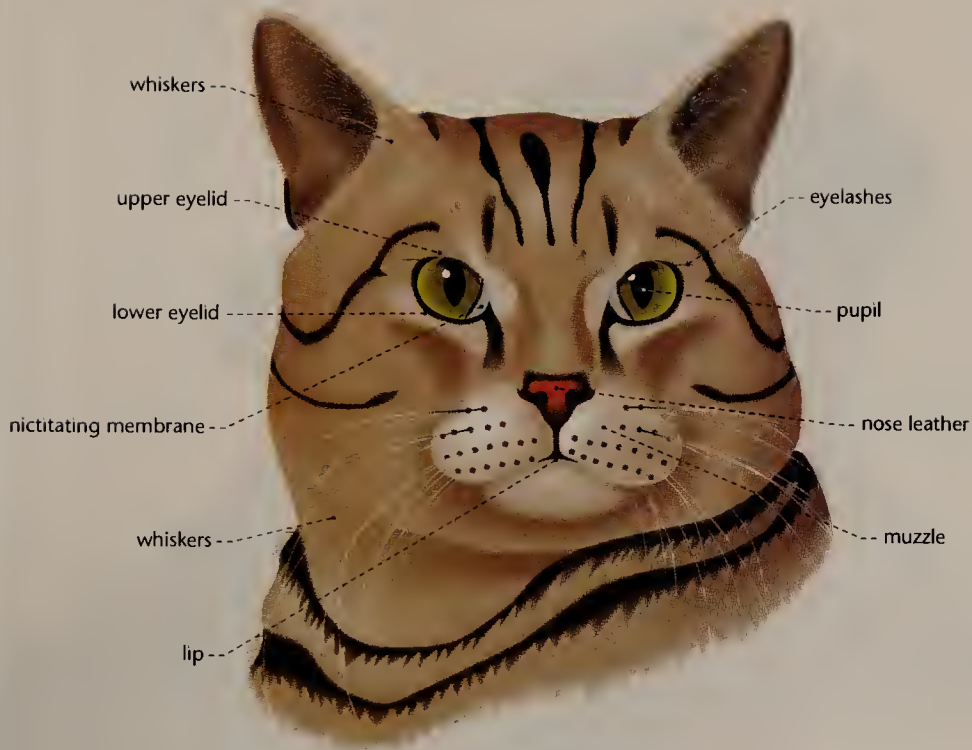


DOG'S FOREPAW

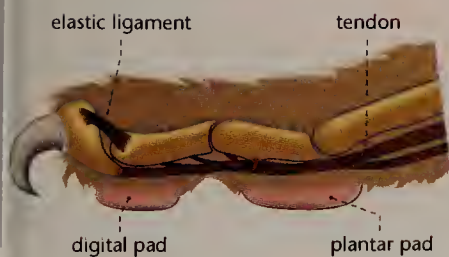


CAT

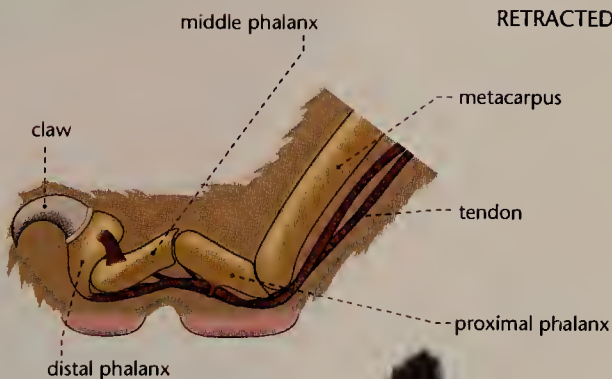
CAT'S HEAD



EXTENDED CLAW



RETRACTED CLAW

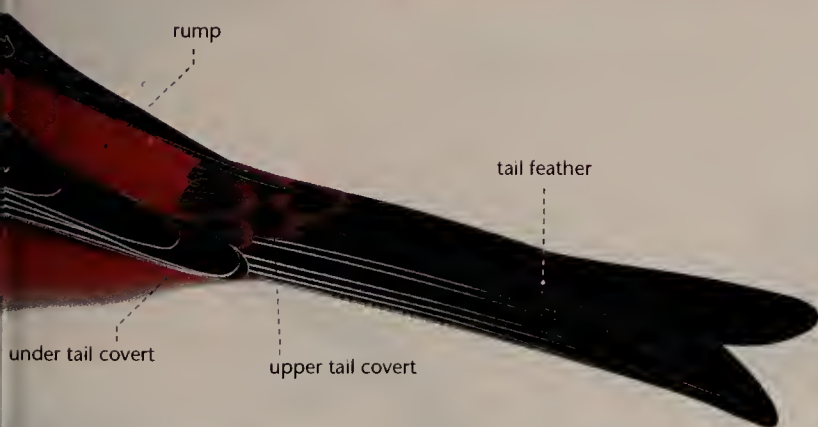


BIRD

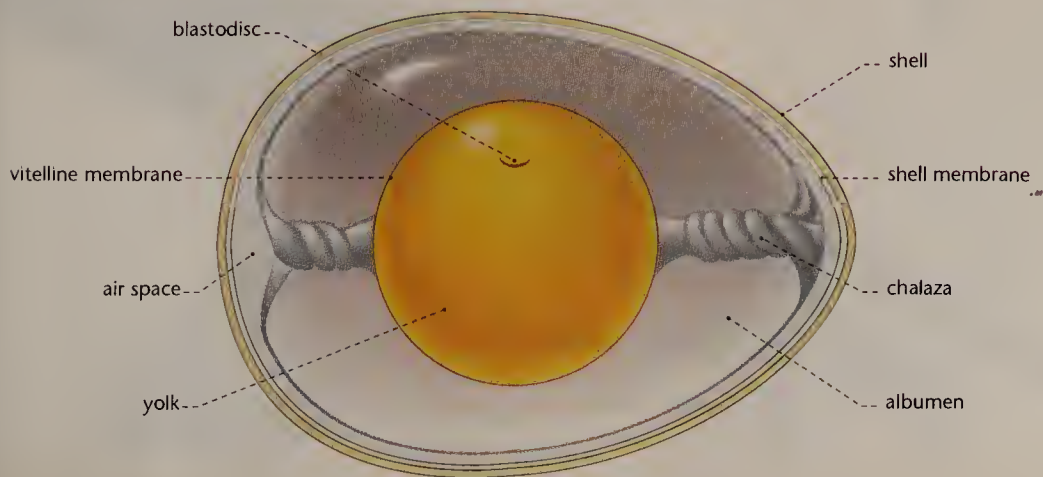
MORPHOLOGY



HEAD

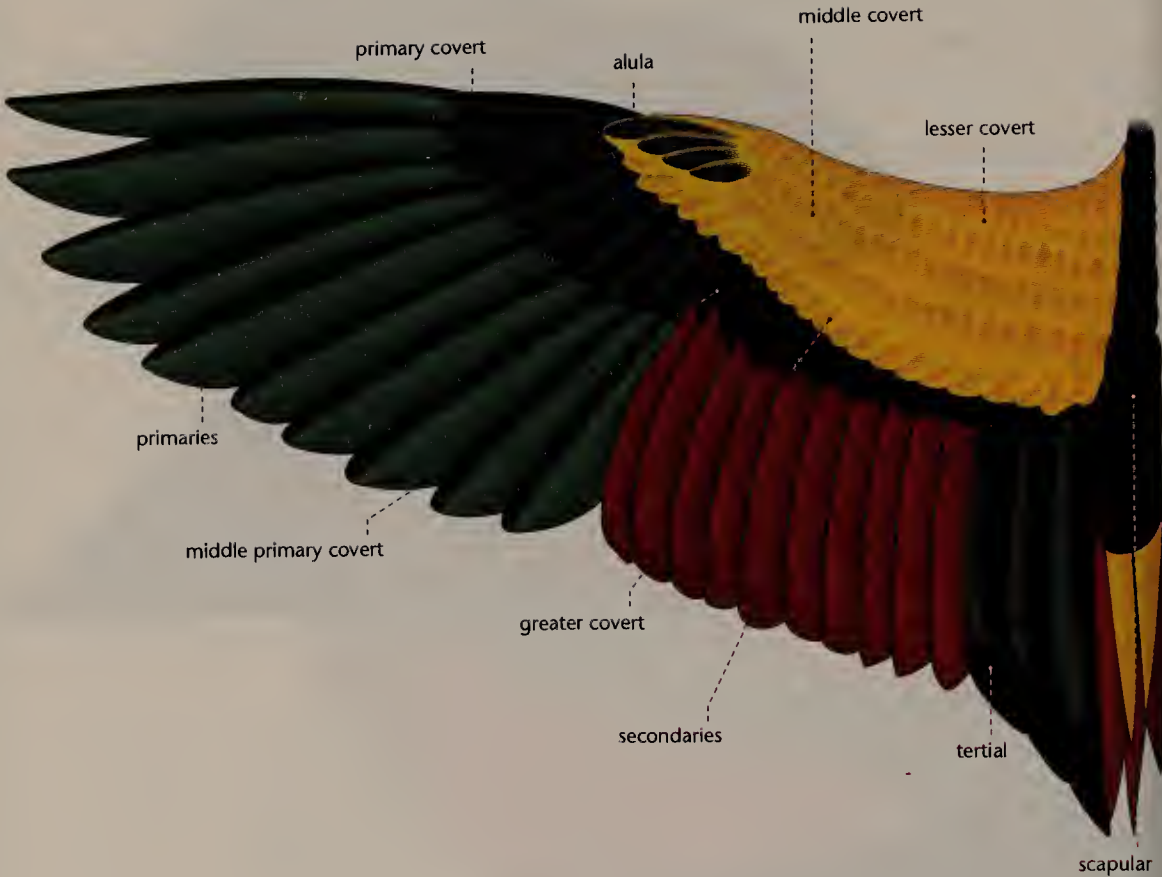


EGG

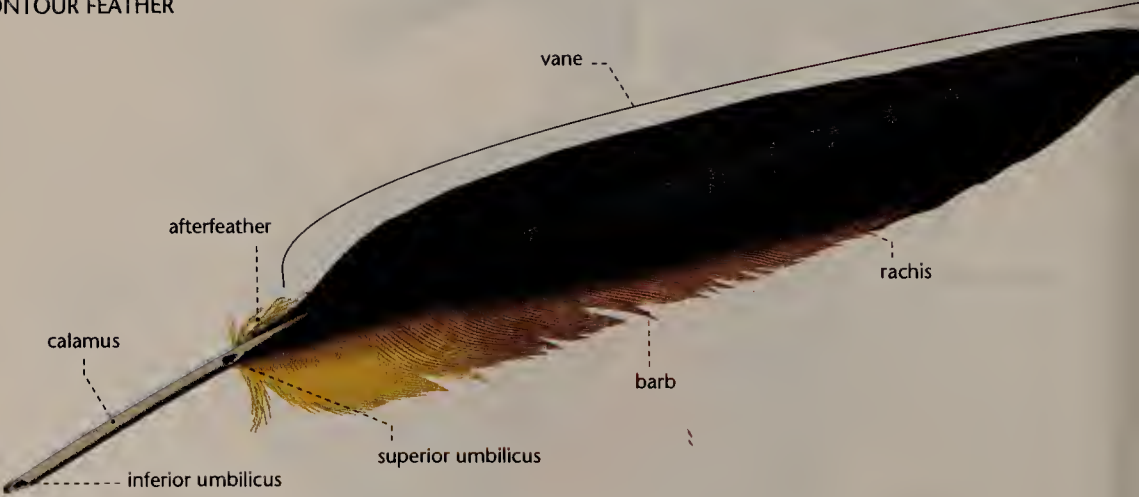


BIRD

WING



CONTOUR FEATHER



PRINCIPAL TYPES OF BILLS



bird of prey



aquatic bird



wading bird



granivorous bird



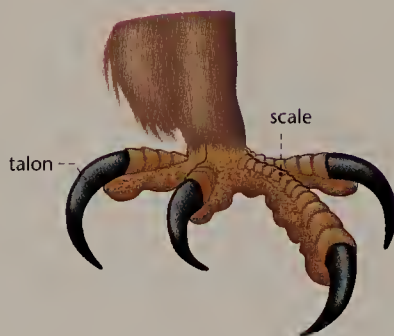
insectivorous bird

PRINCIPAL TYPES OF FEET

perching bird

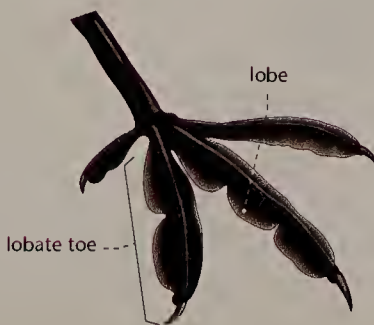
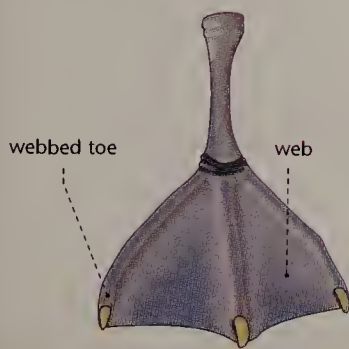


bird of prey



aquatic bird

aquatic bird

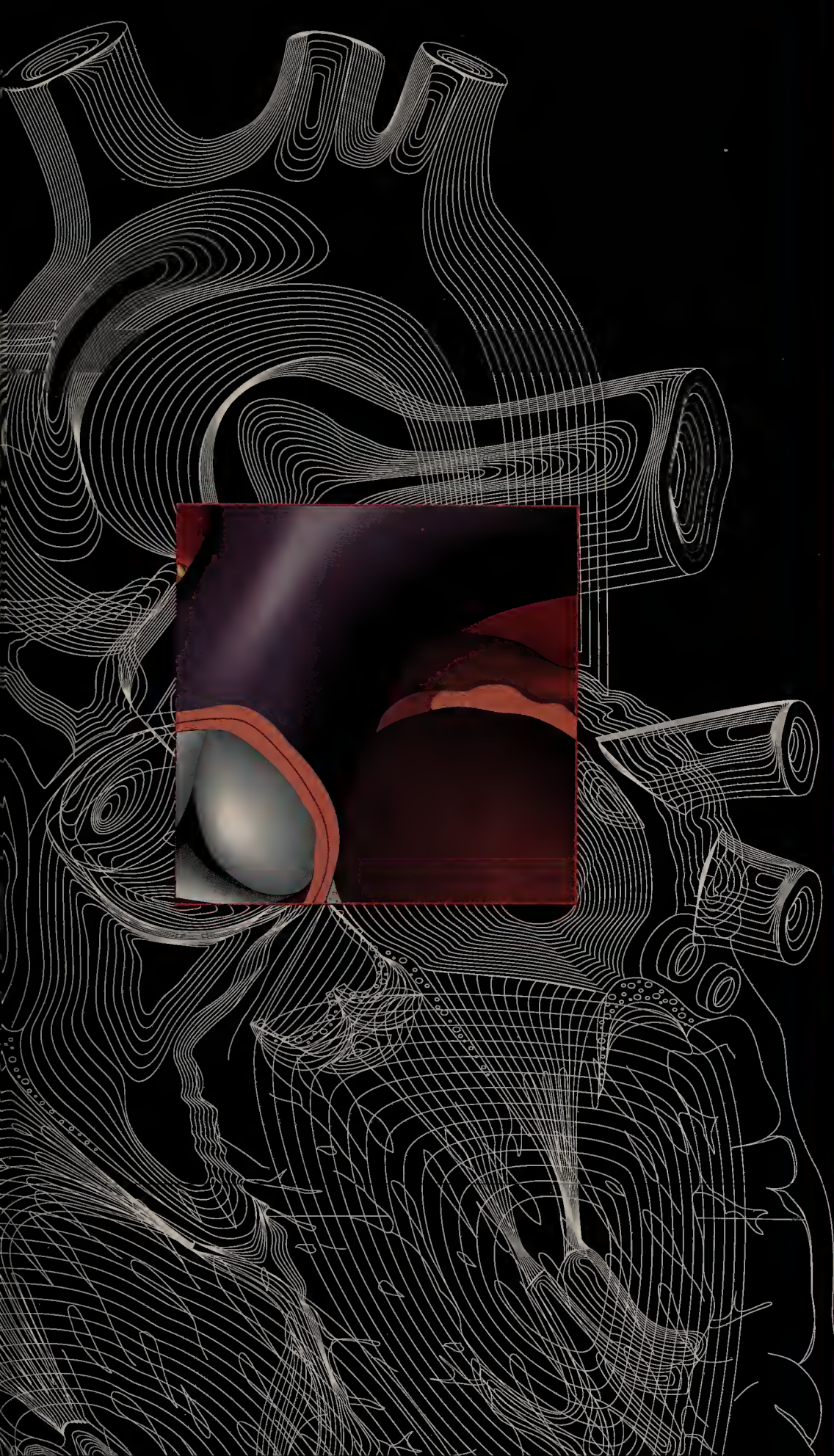


BAT

BAT'S HEAD



HUMAN BEING



CONTENTS

PLANT CELL 115

ANIMAL CELL..... 115

HUMAN BODY 116

MUSCLES 120

SKELETON..... 122

BLOOD CIRCULATION..... 124

MALE GENITAL ORGANS..... 127

FEMALE GENITAL ORGANS 128

BREAST 129

RESPIRATORY SYSTEM..... 130

DIGESTIVE SYSTEM 131

URINARY SYSTEM..... 132

NERVOUS SYSTEM 133

SENSE ORGANS: TOUCH 136

SENSE ORGANS: HEARING 138

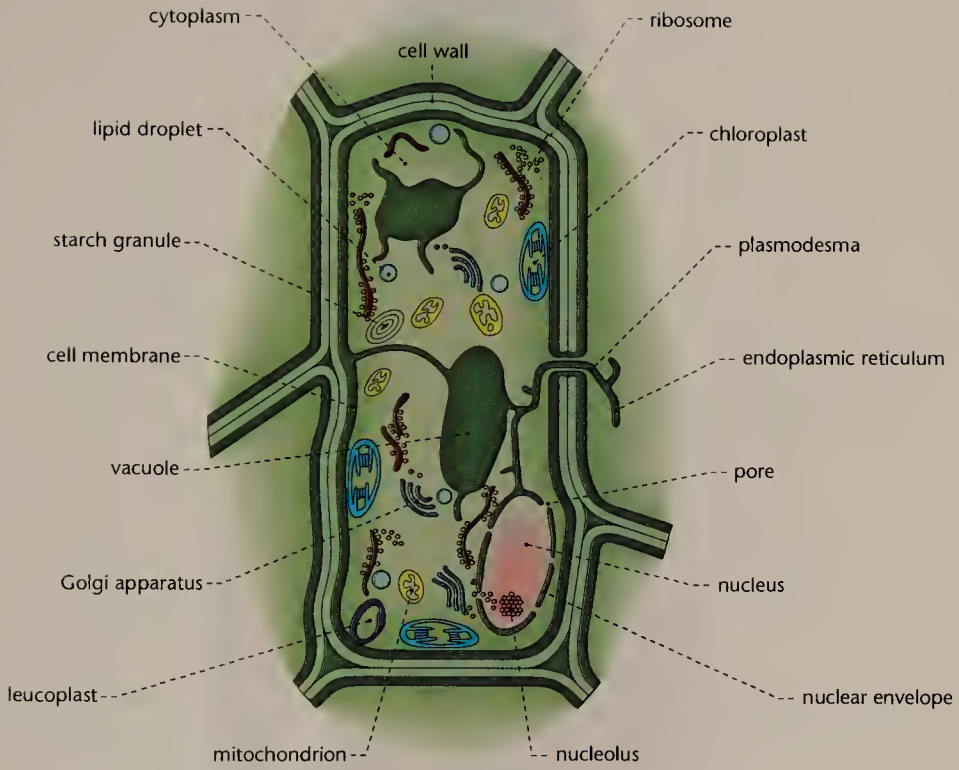
SENSE ORGANS: SIGHT..... 140

SENSE ORGANS: SMELL 141

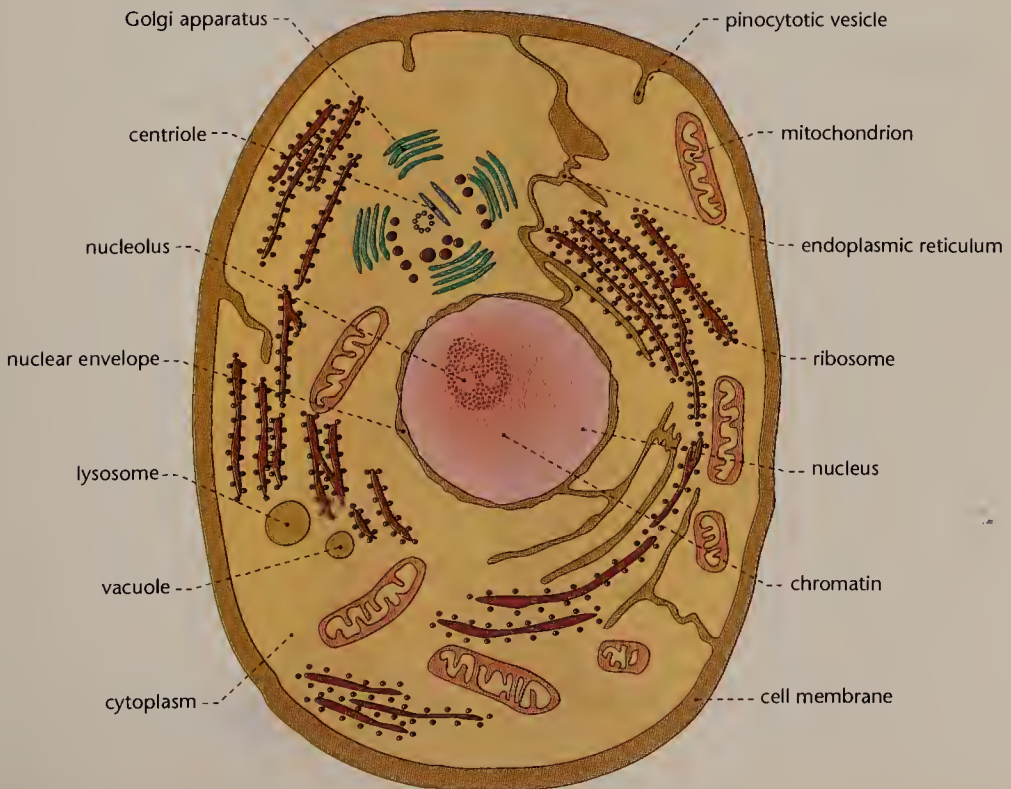
SENSES OF SMELL AND TASTE 142

TEETH 144

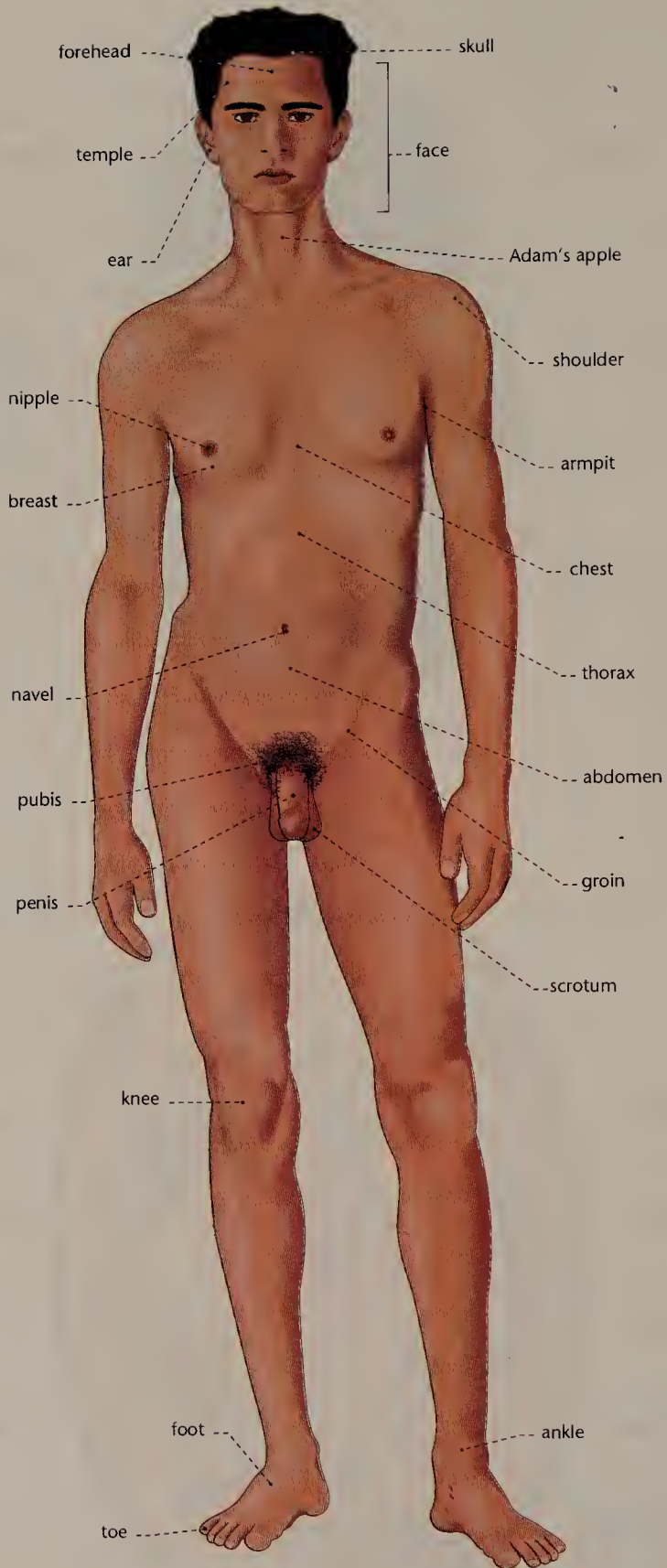
PLANT CELL

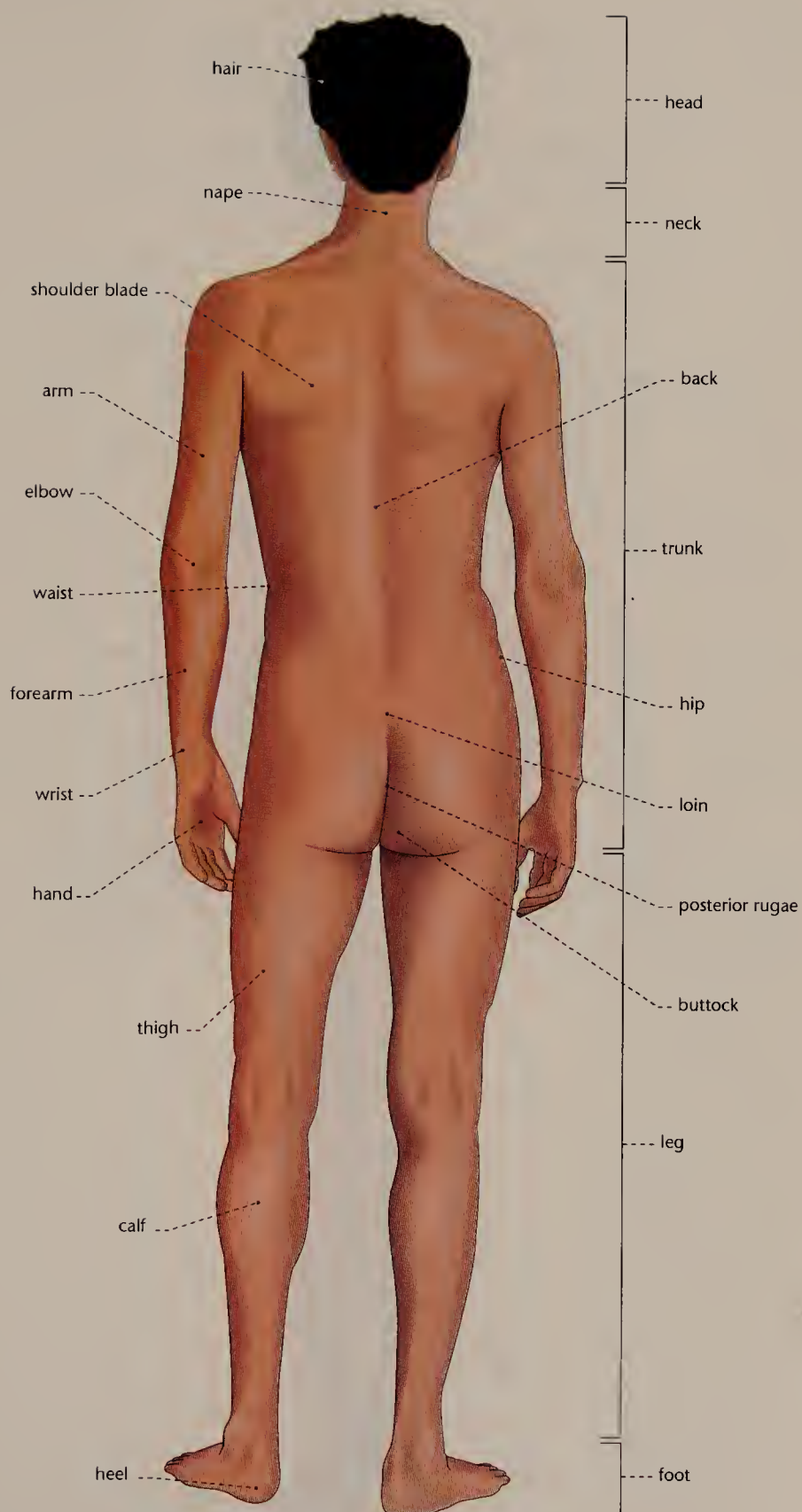


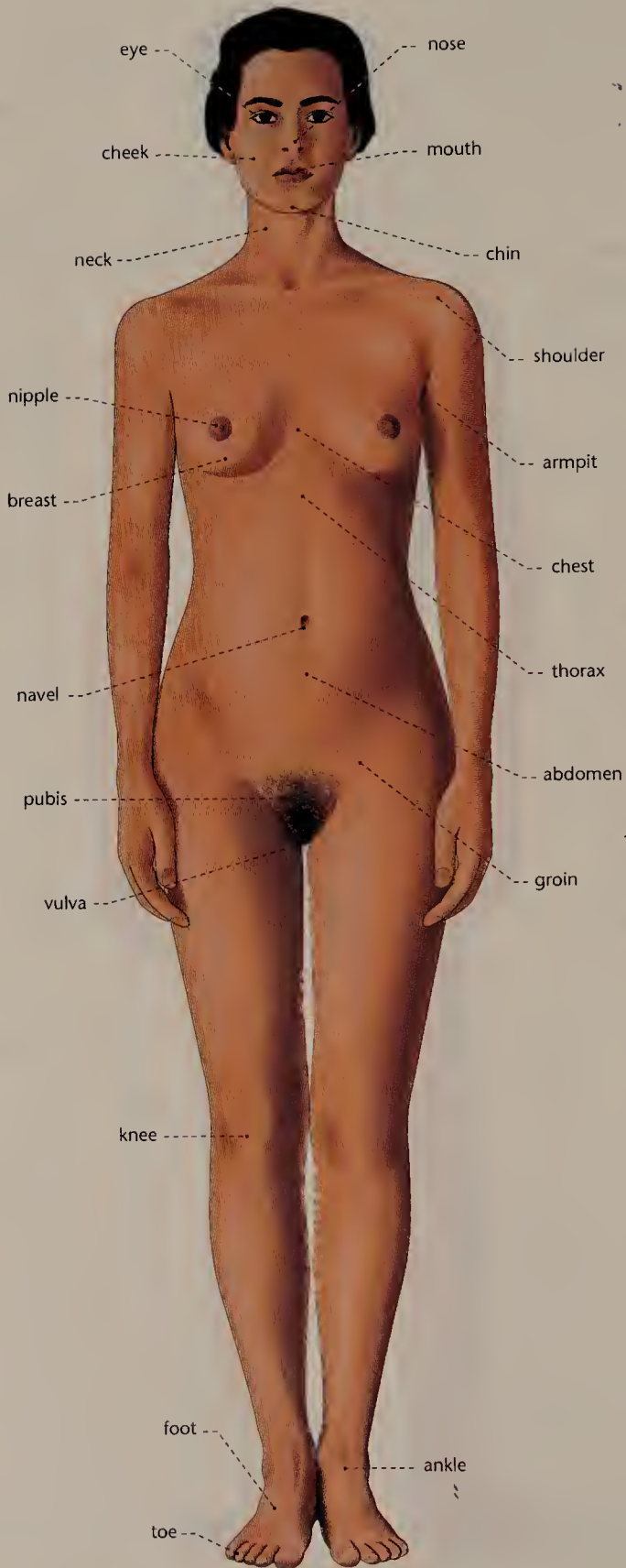
ANIMAL CELL

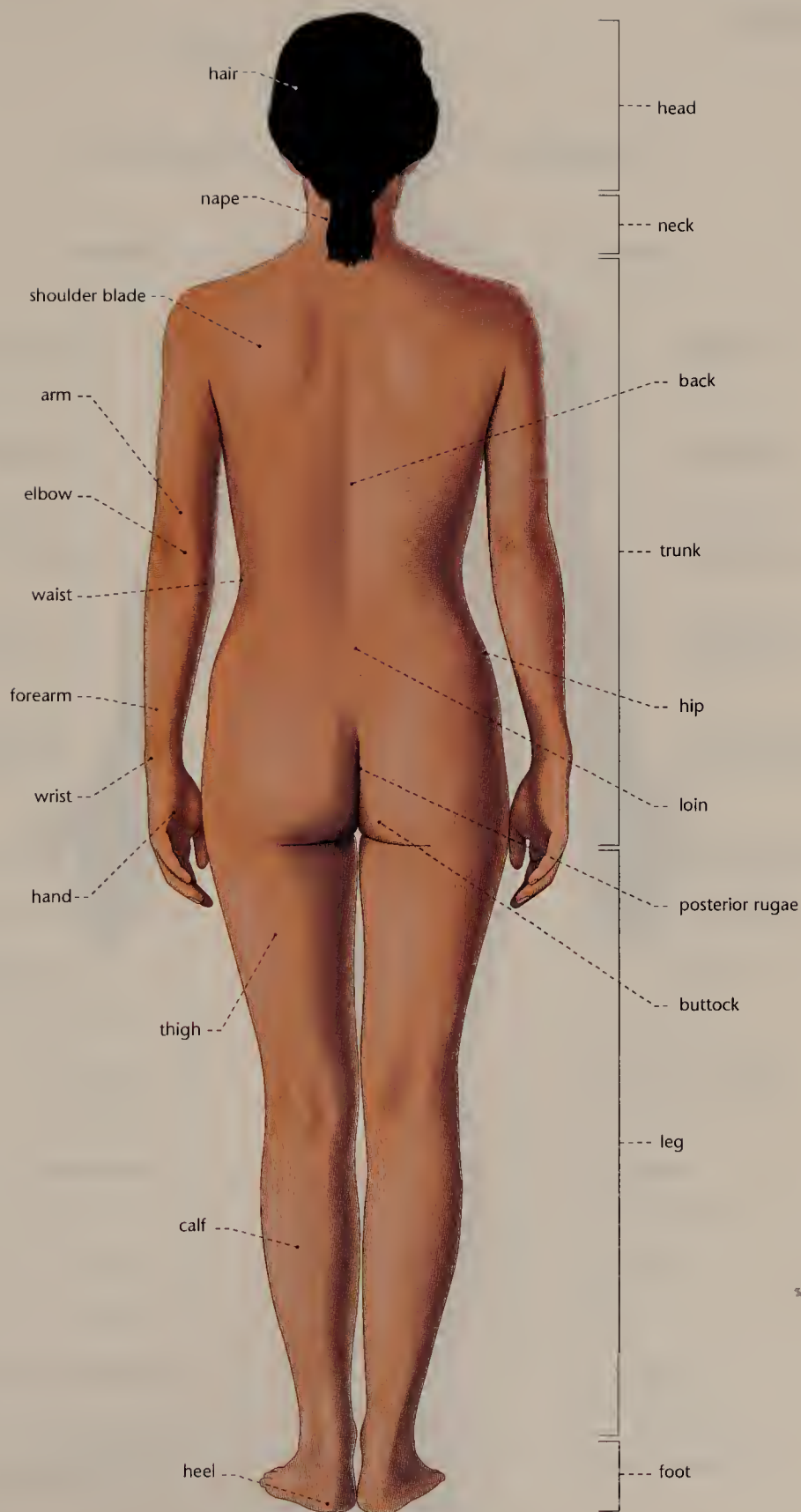


HUMAN BODY



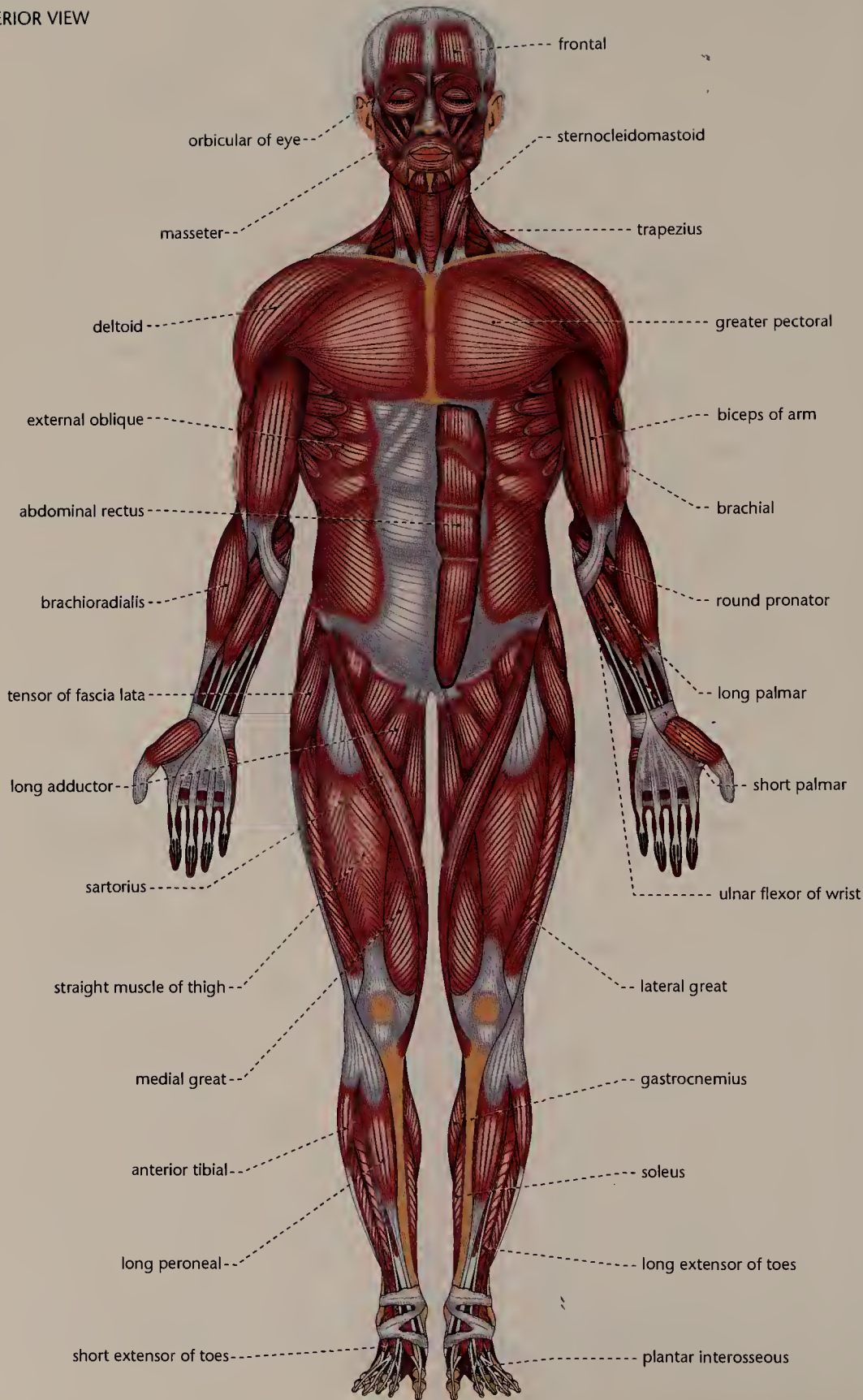




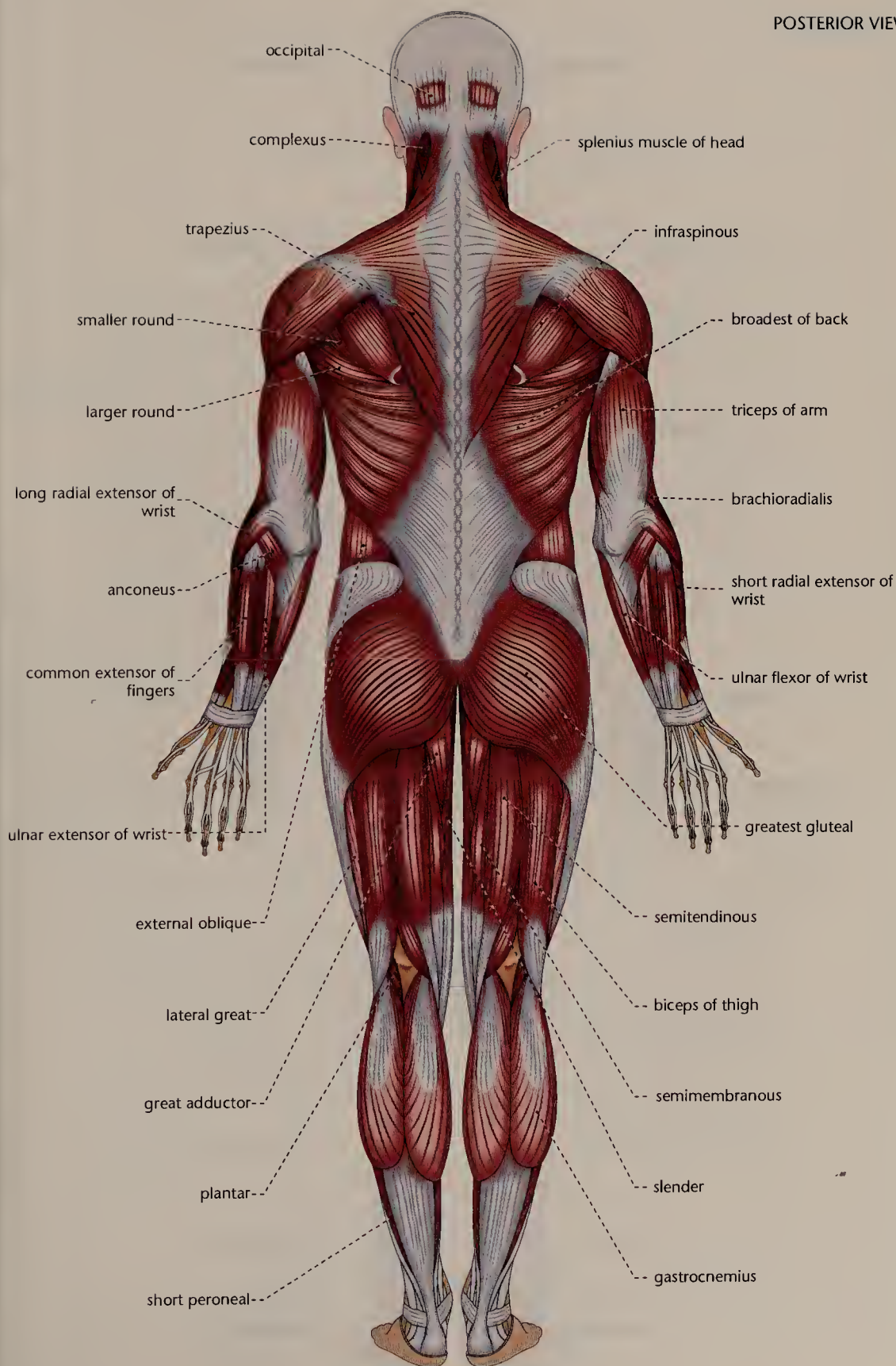


MUSCLES

ANTERIOR VIEW

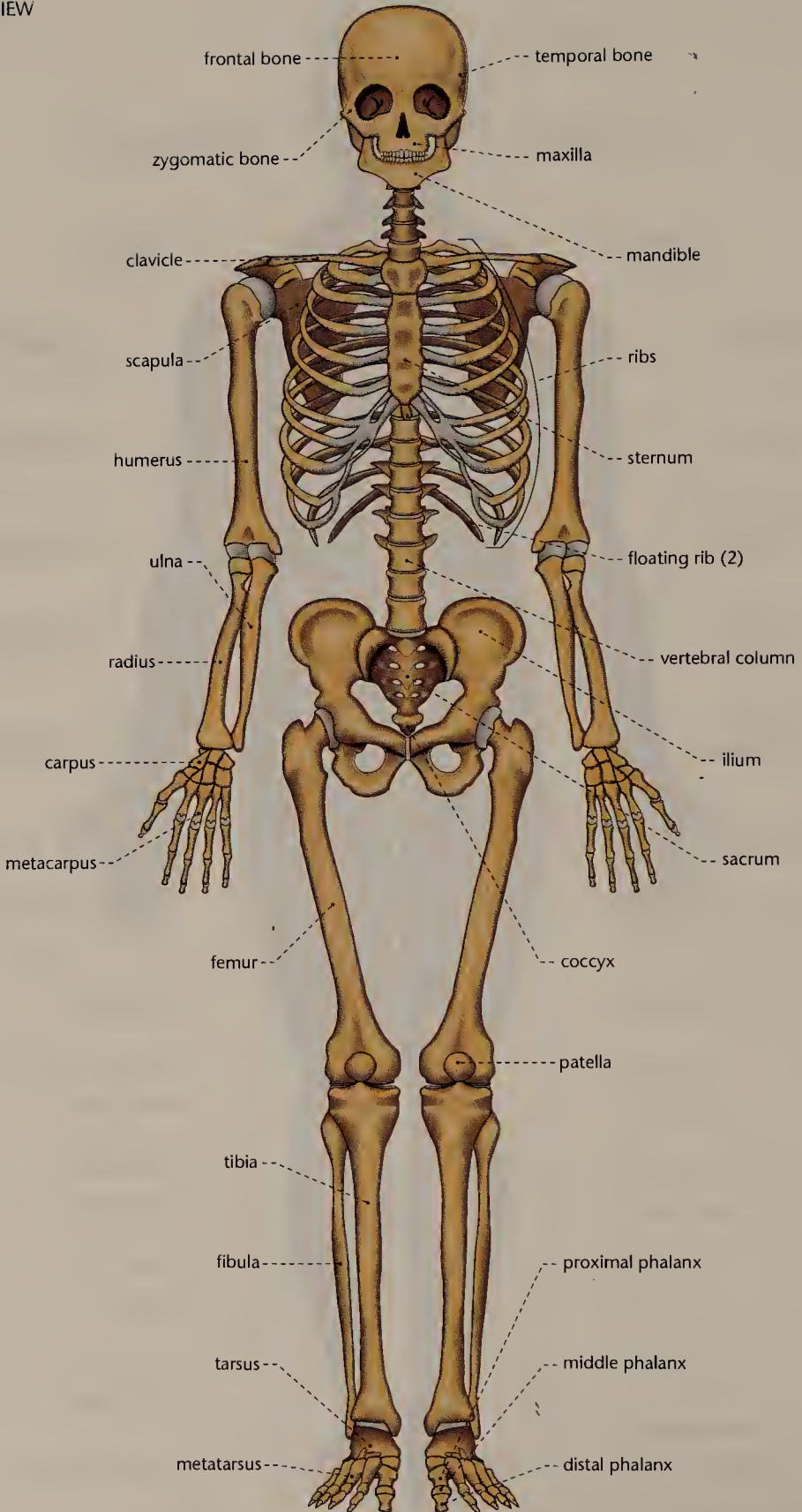


POSTERIOR VIEW

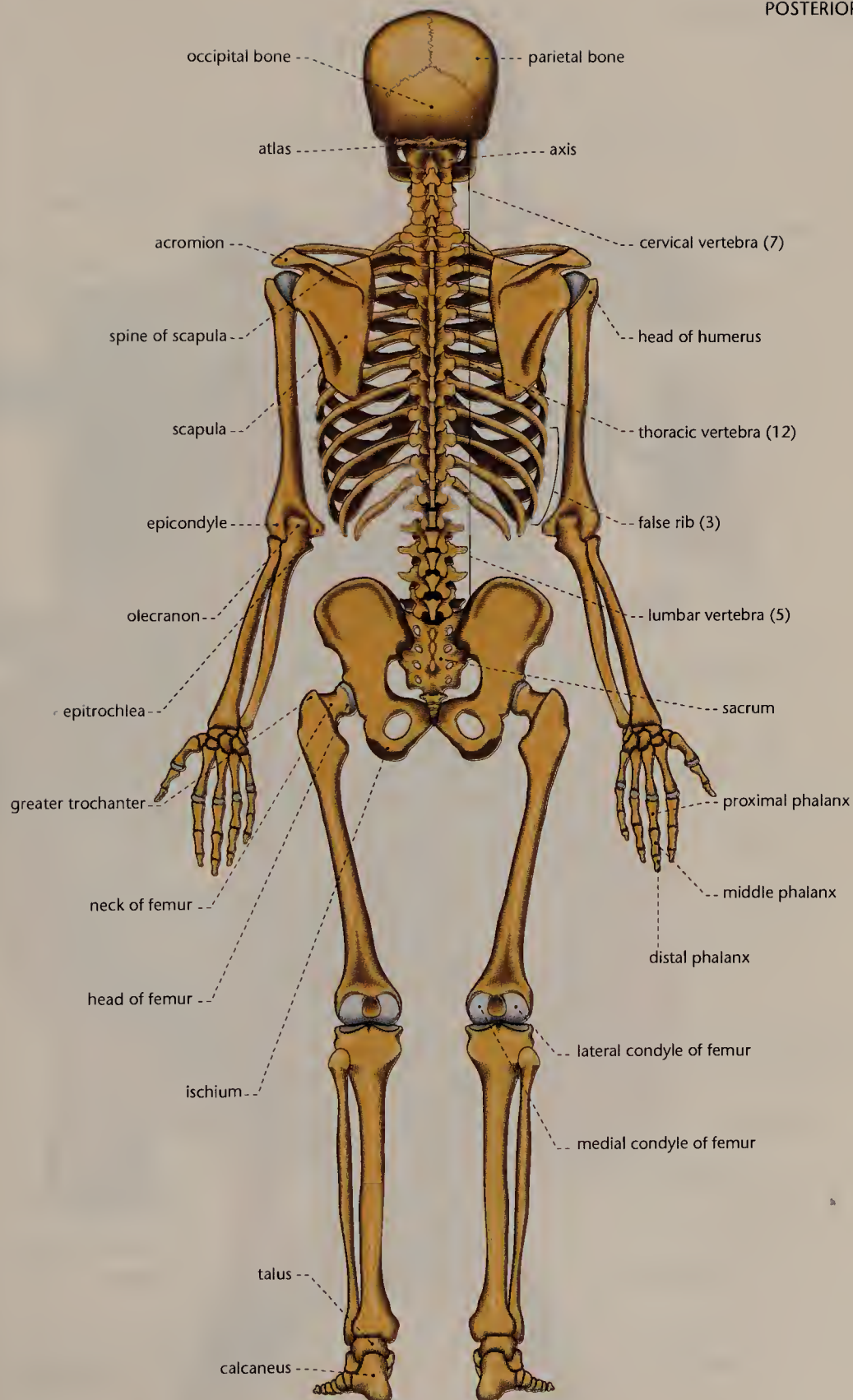


SKELETON

ANTERIOR VIEW

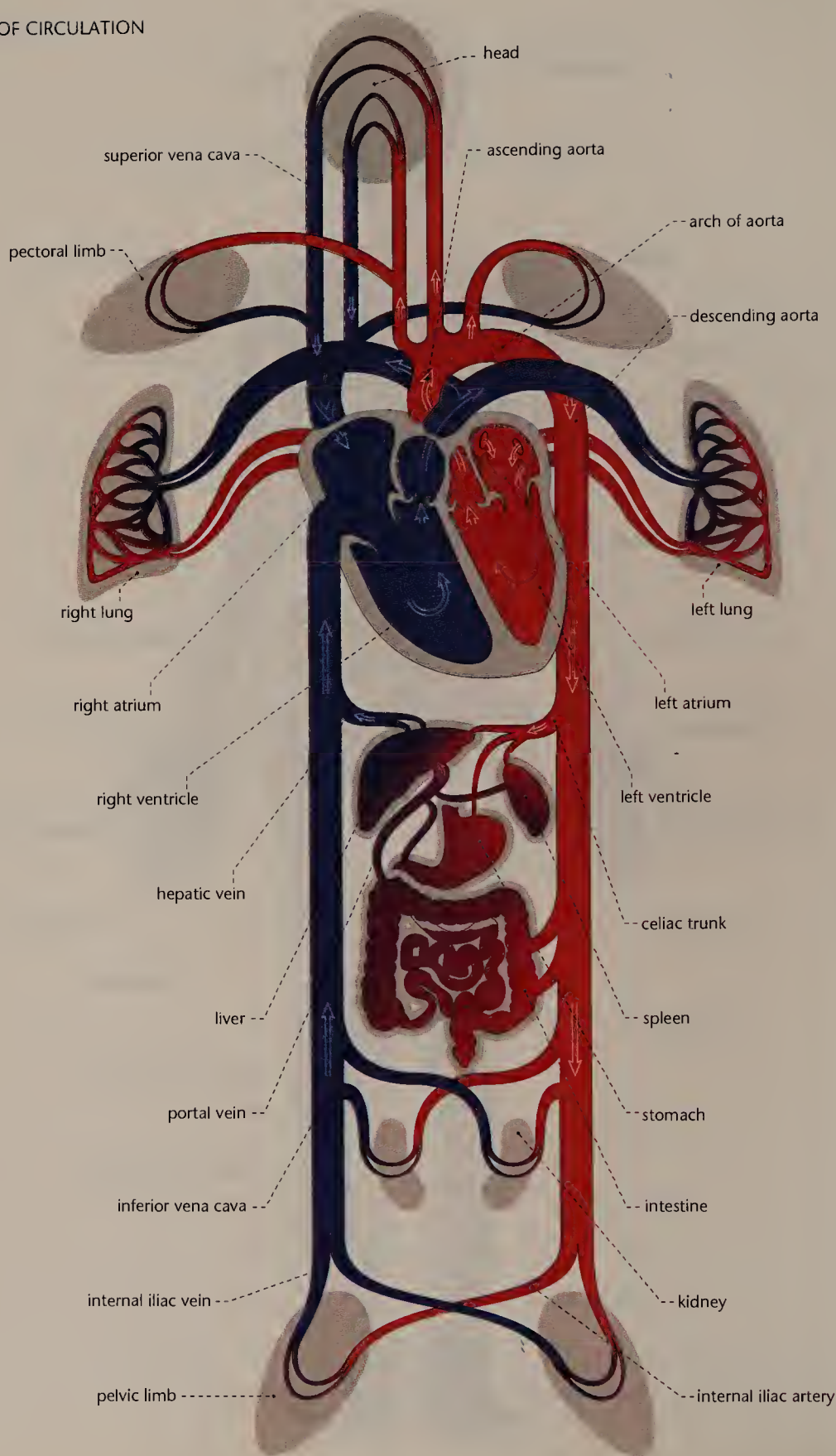


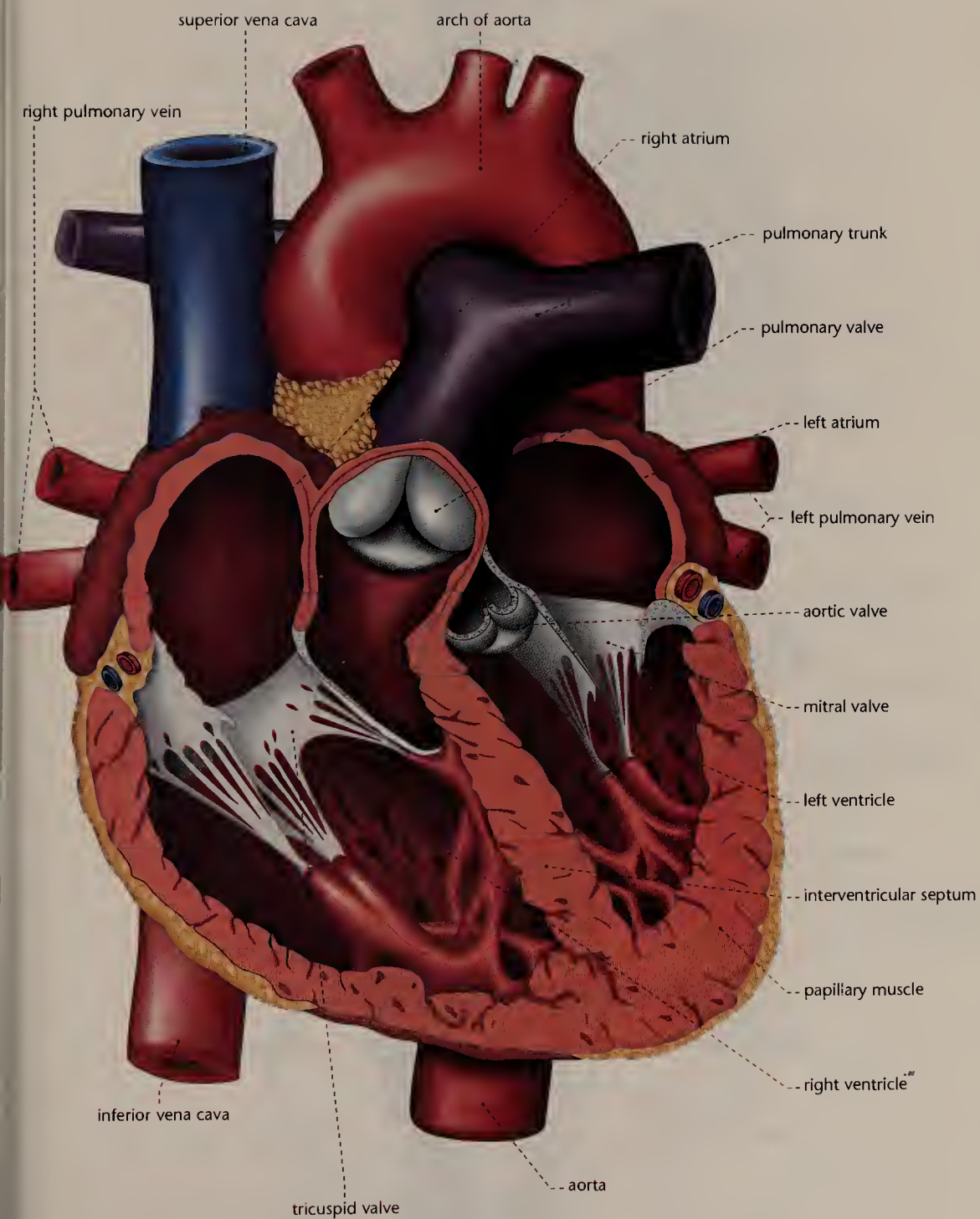
POSTERIOR VIEW



BLOOD CIRCULATION

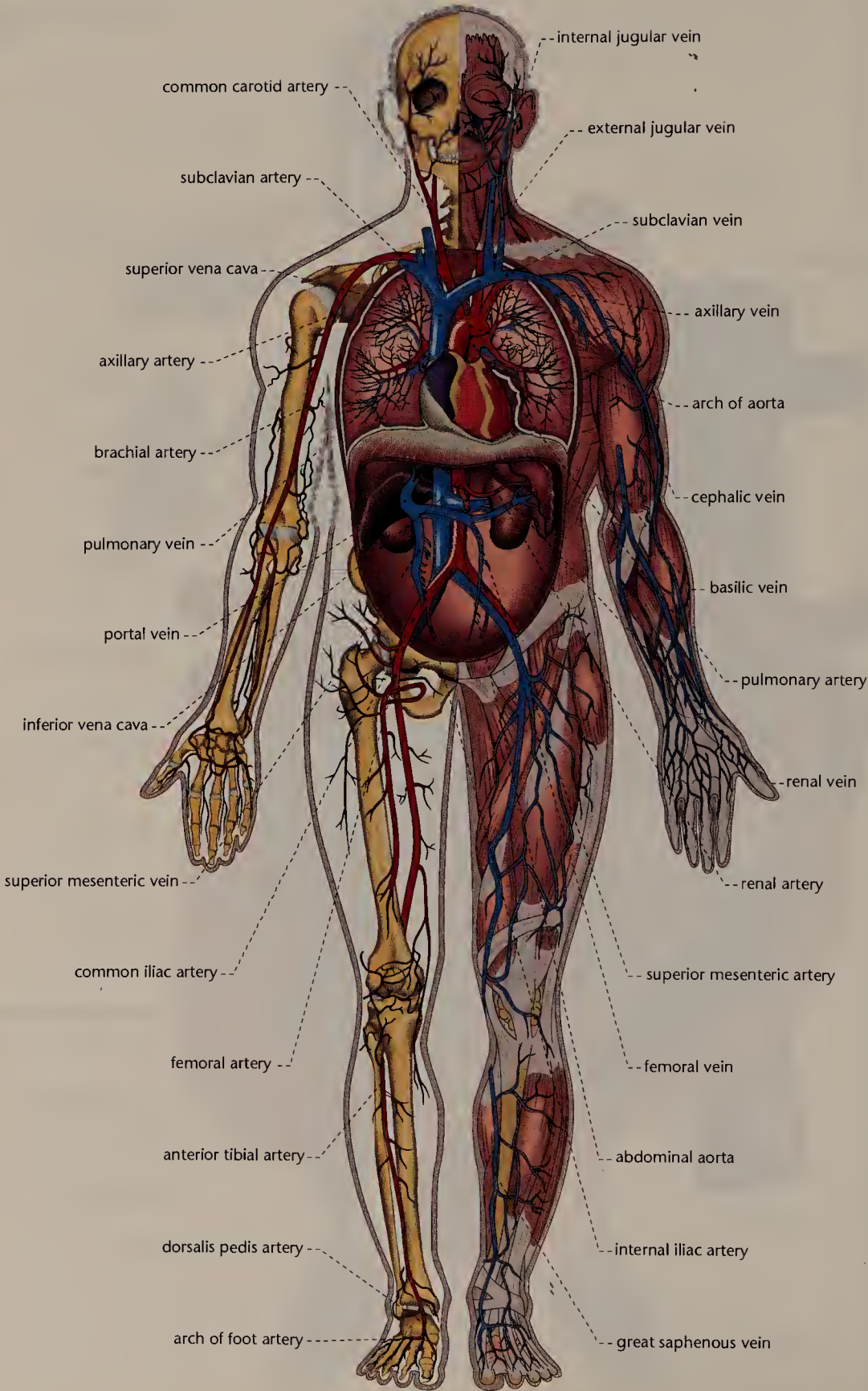
SCHEMA OF CIRCULATION





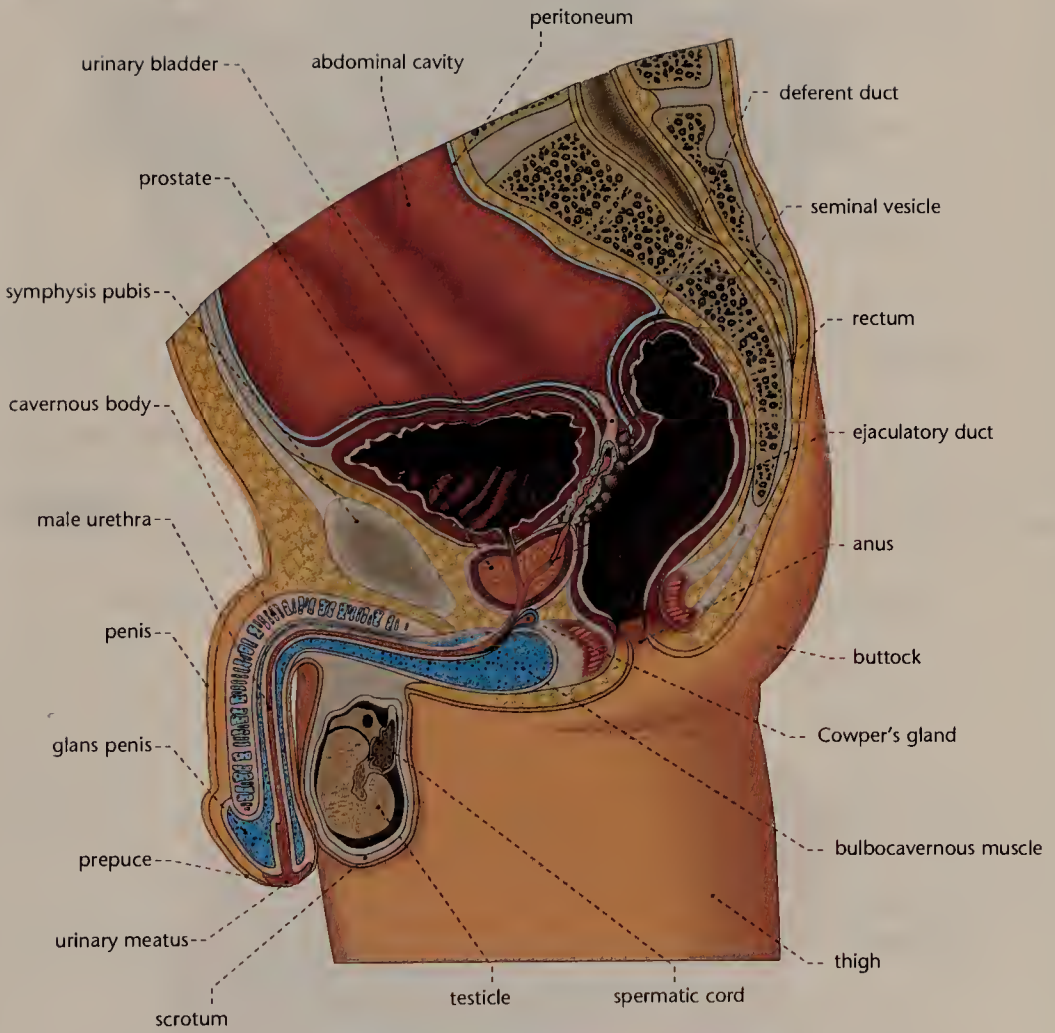
BLOOD CIRCULATION

PRINCIPAL VEINS AND ARTERIES

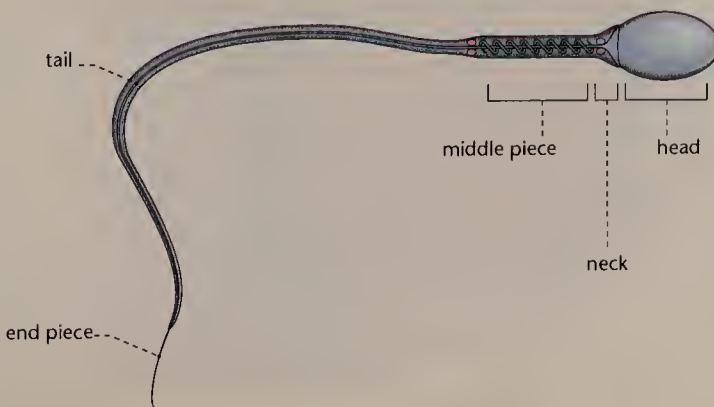


MALE GENITAL ORGANS

SAGITTAL SECTION

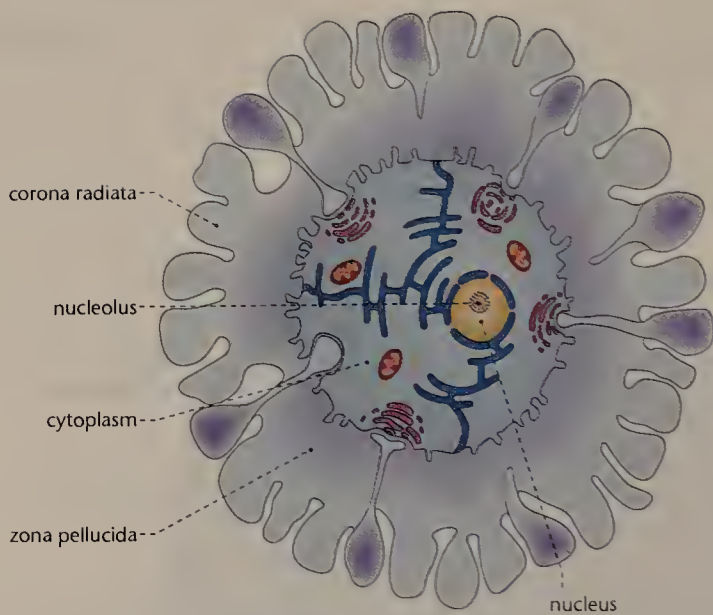


SPERMATOZOON

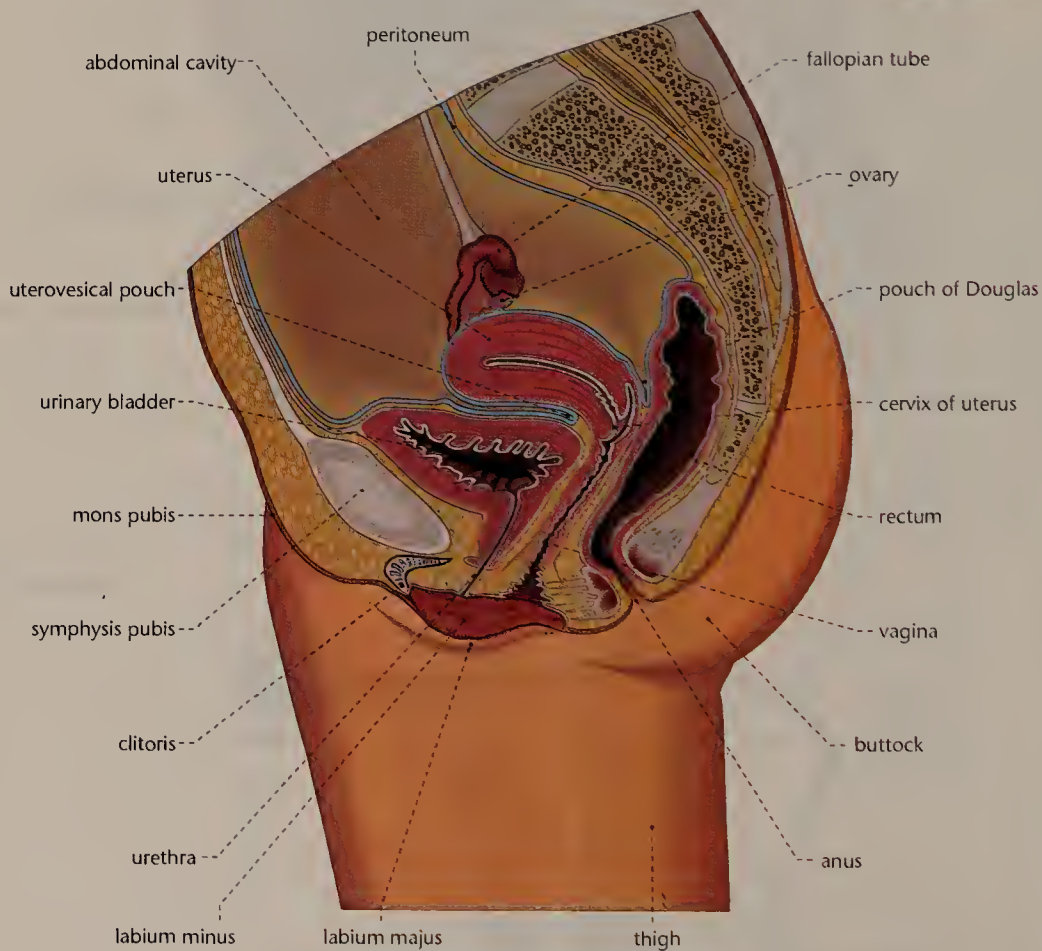


FEMALE GENITAL ORGANS

EGG

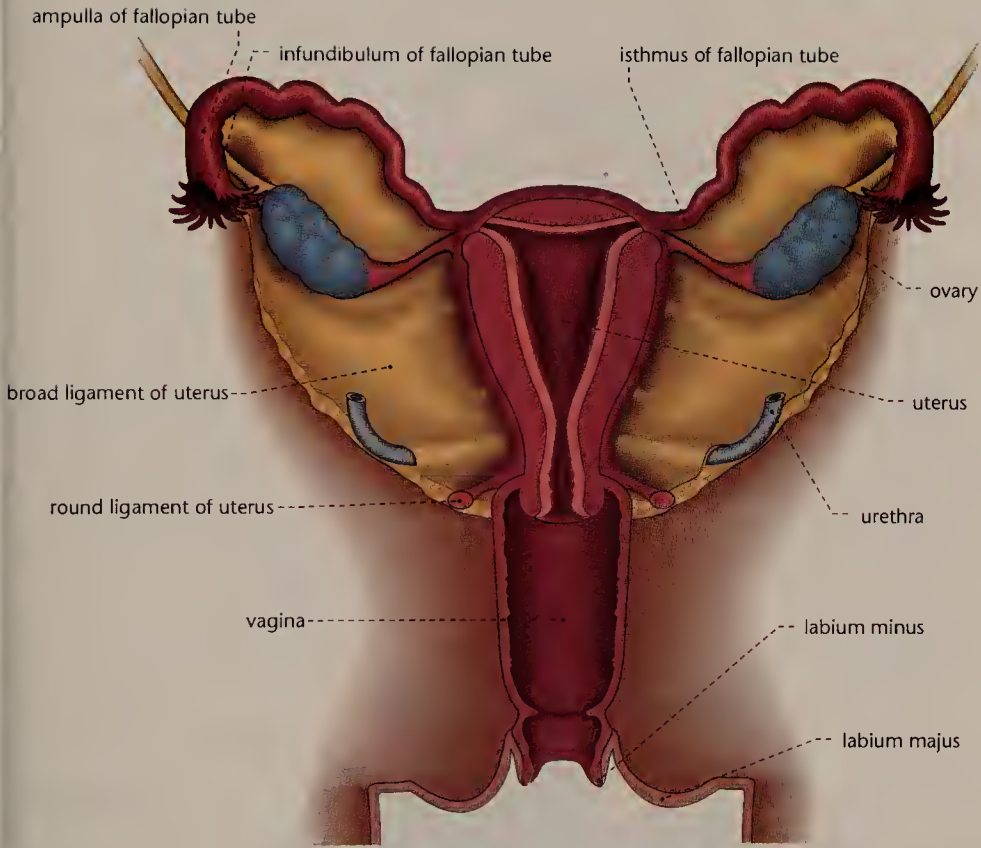


SAGITTAL SECTION



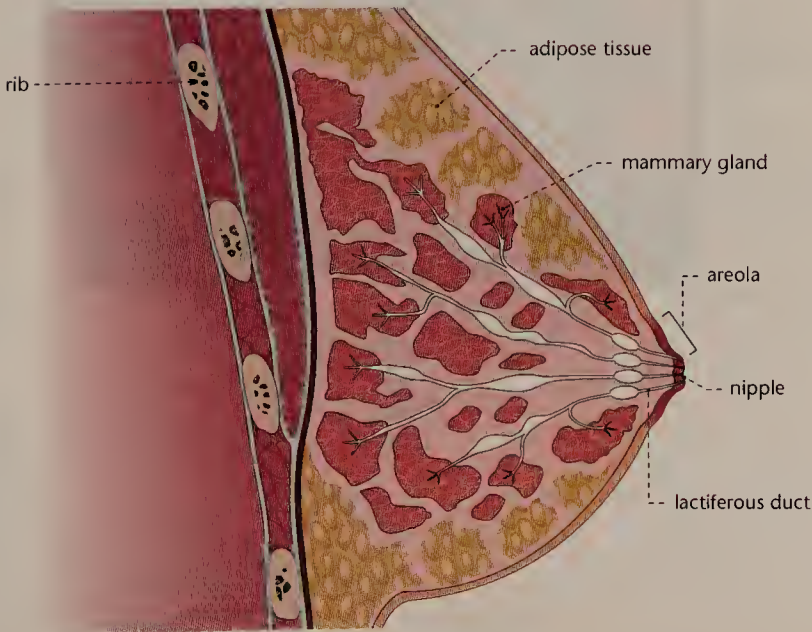
FEMALE GENITAL ORGANS

POSTERIOR VIEW

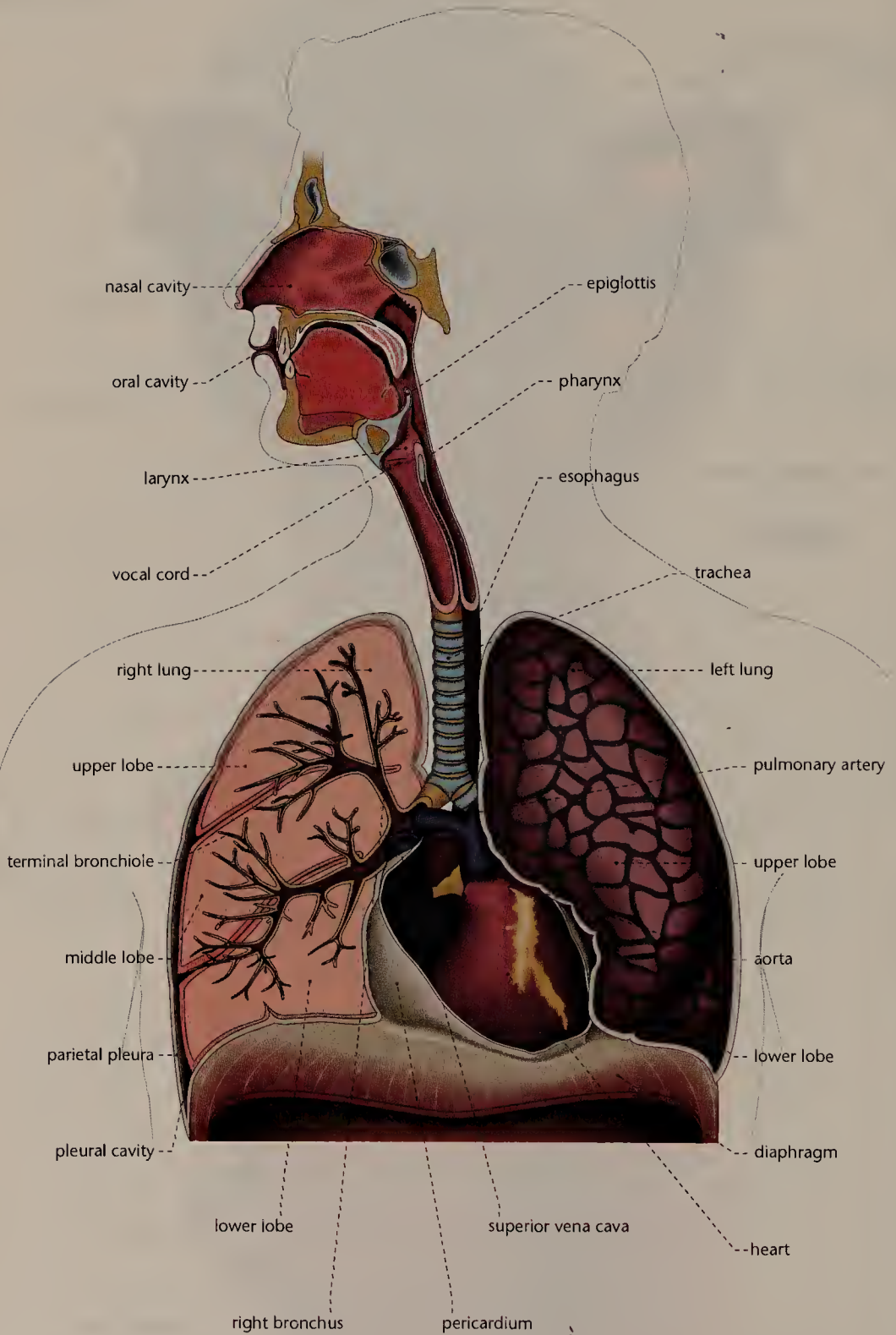


BREAST

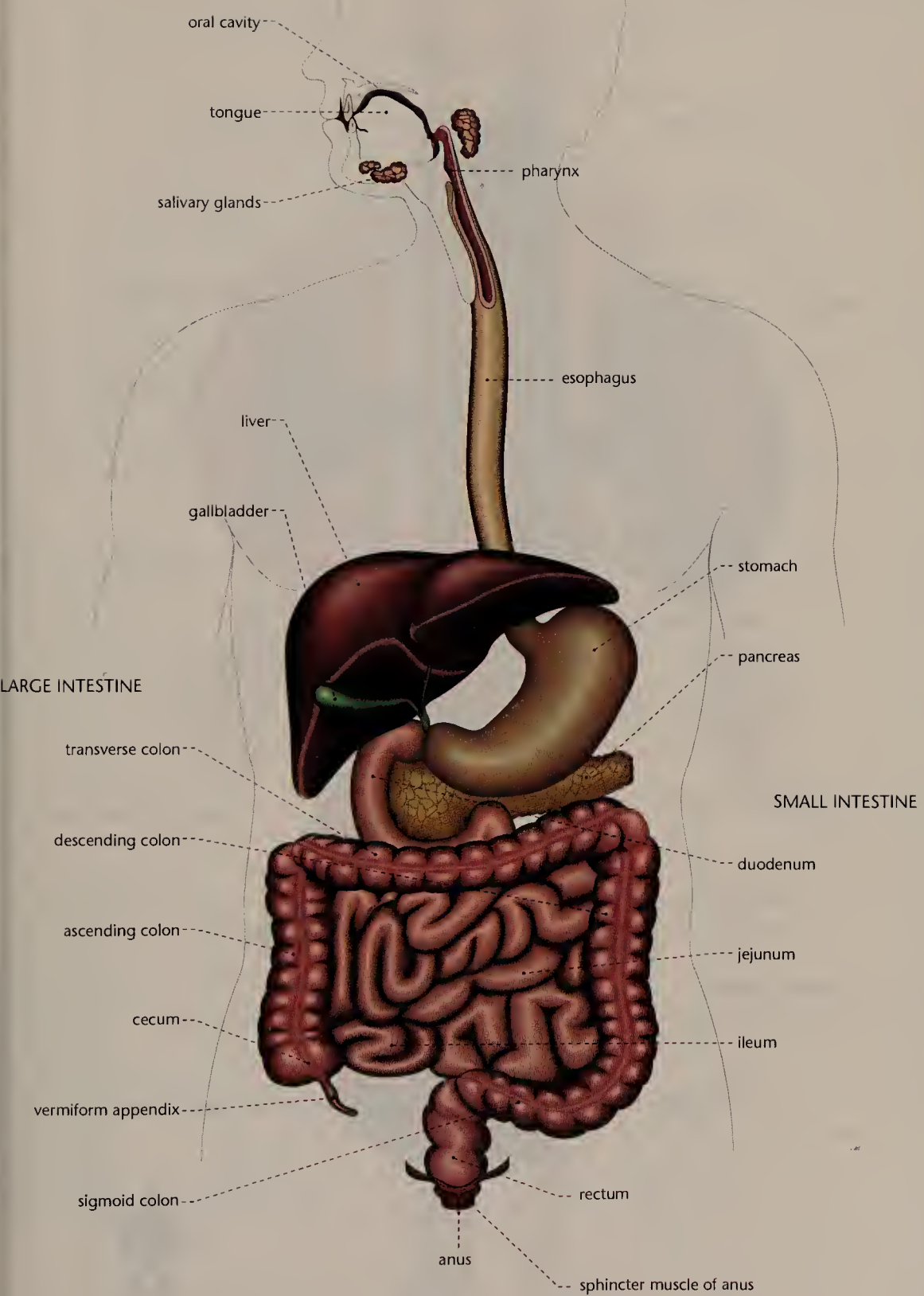
SAGITTAL SECTION



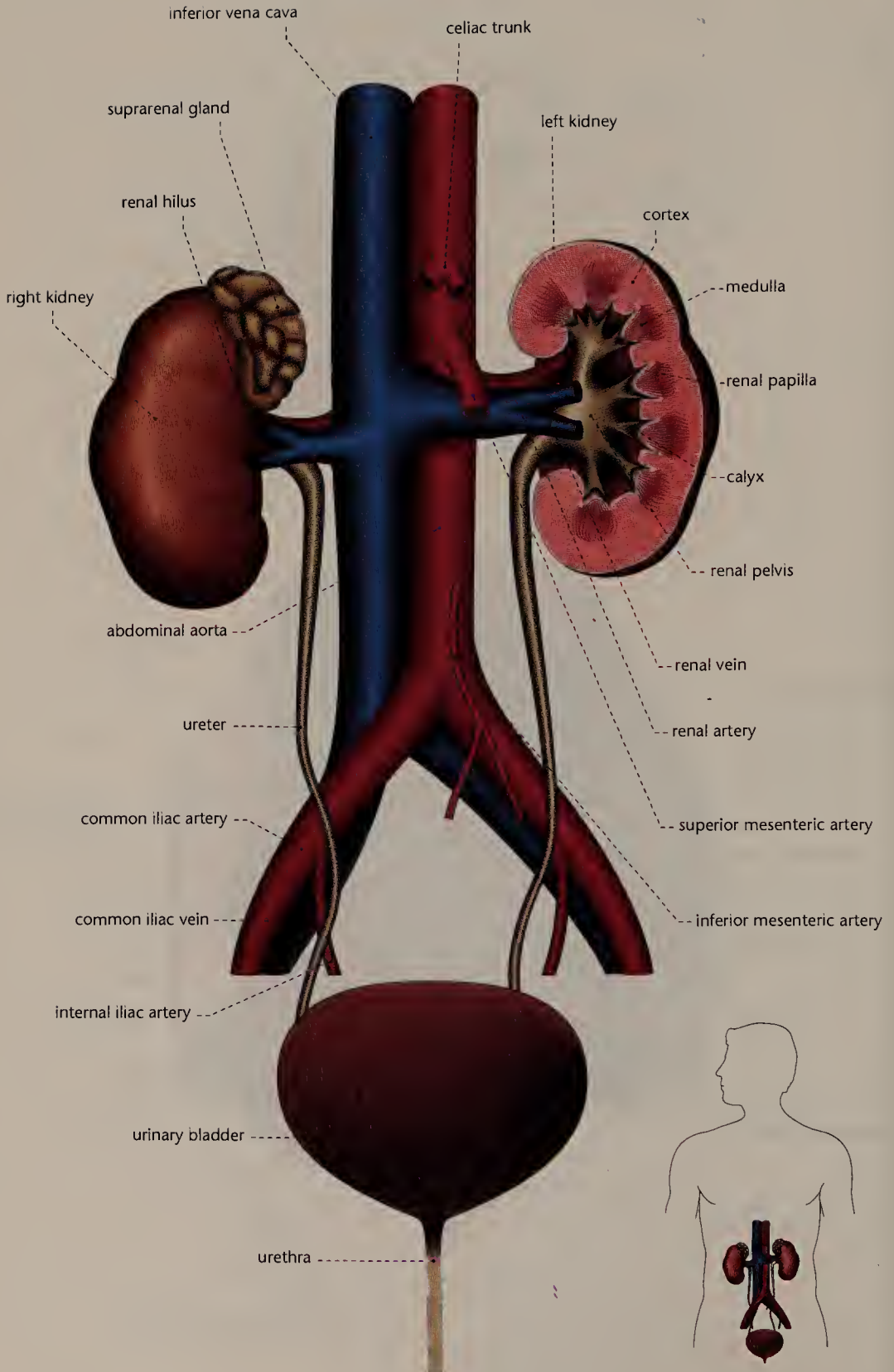
RESPIRATORY SYSTEM



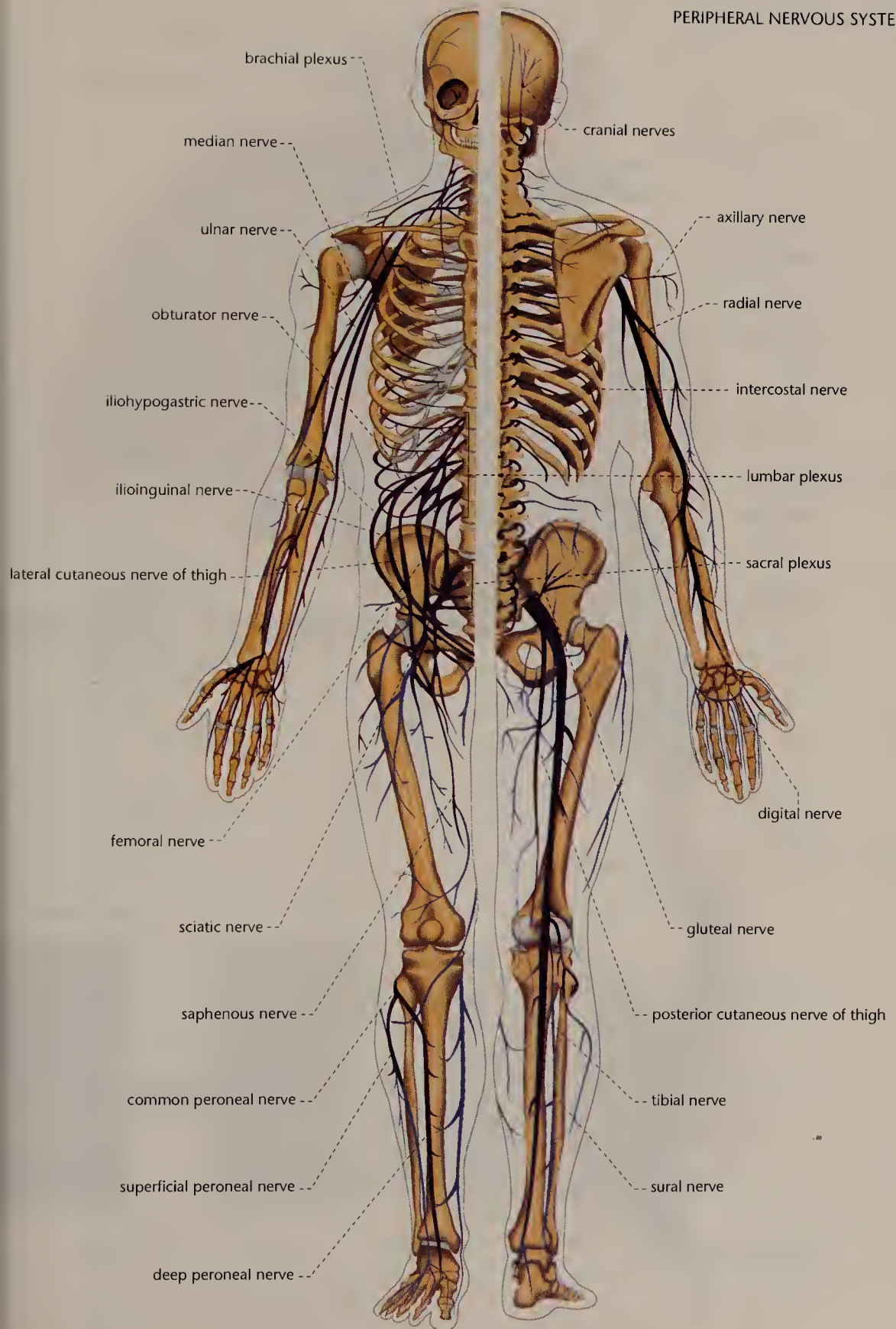
DIGESTIVE SYSTEM



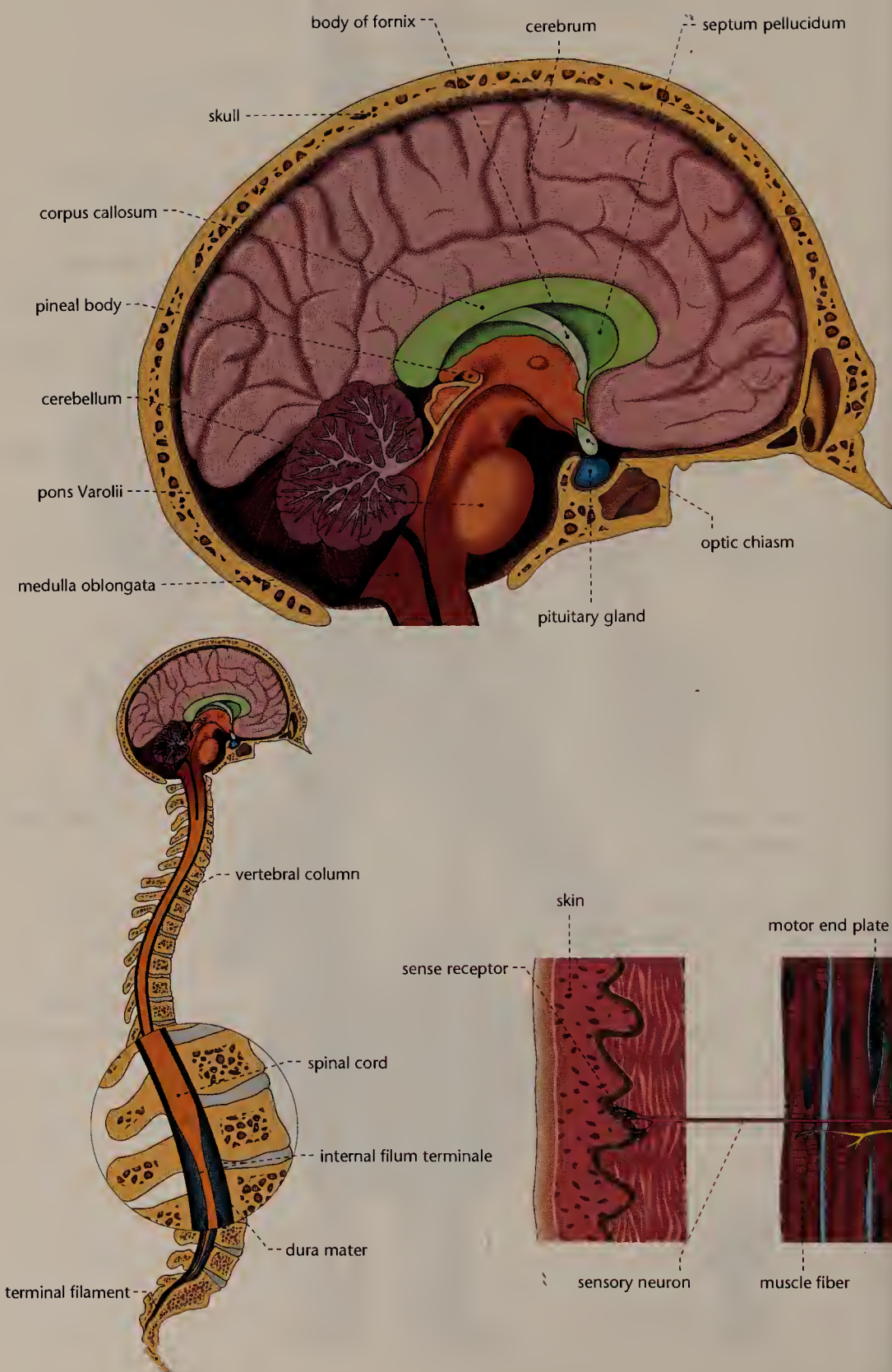
URINARY SYSTEM



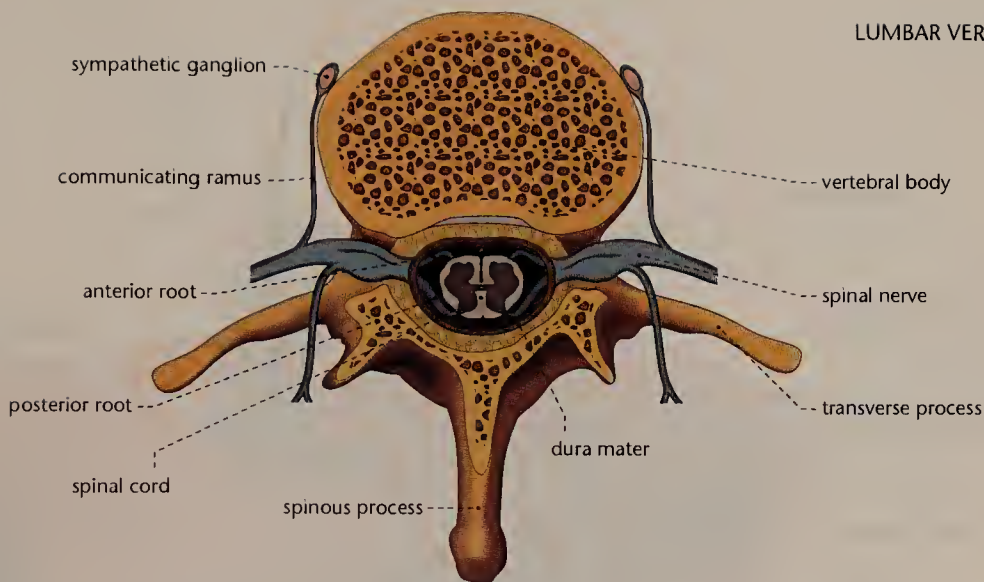
PERIPHERAL NERVOUS SYSTEM



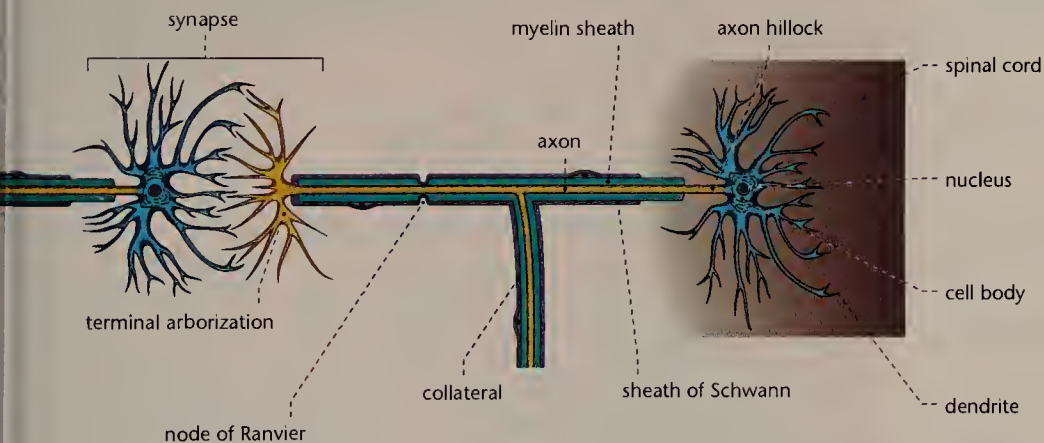
CENTRAL NERVOUS SYSTEM



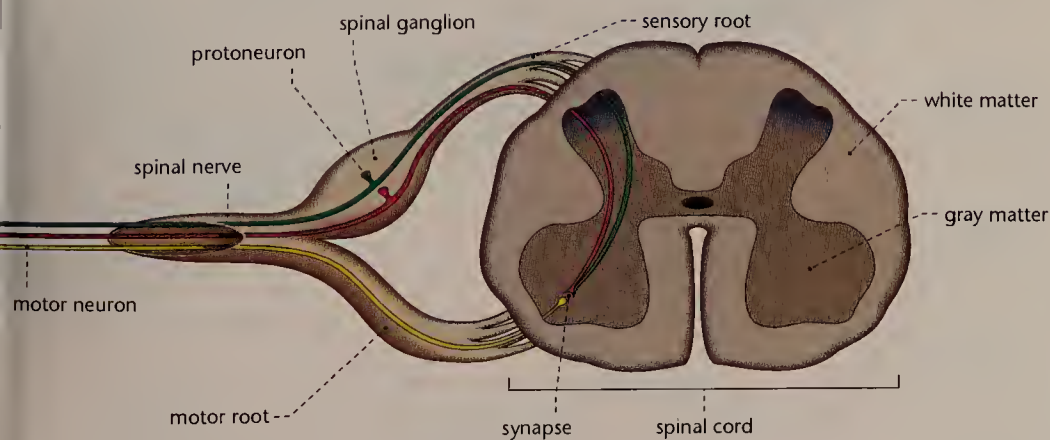
LUMBAR VERTEBRA



CHAIN OF NEURONS



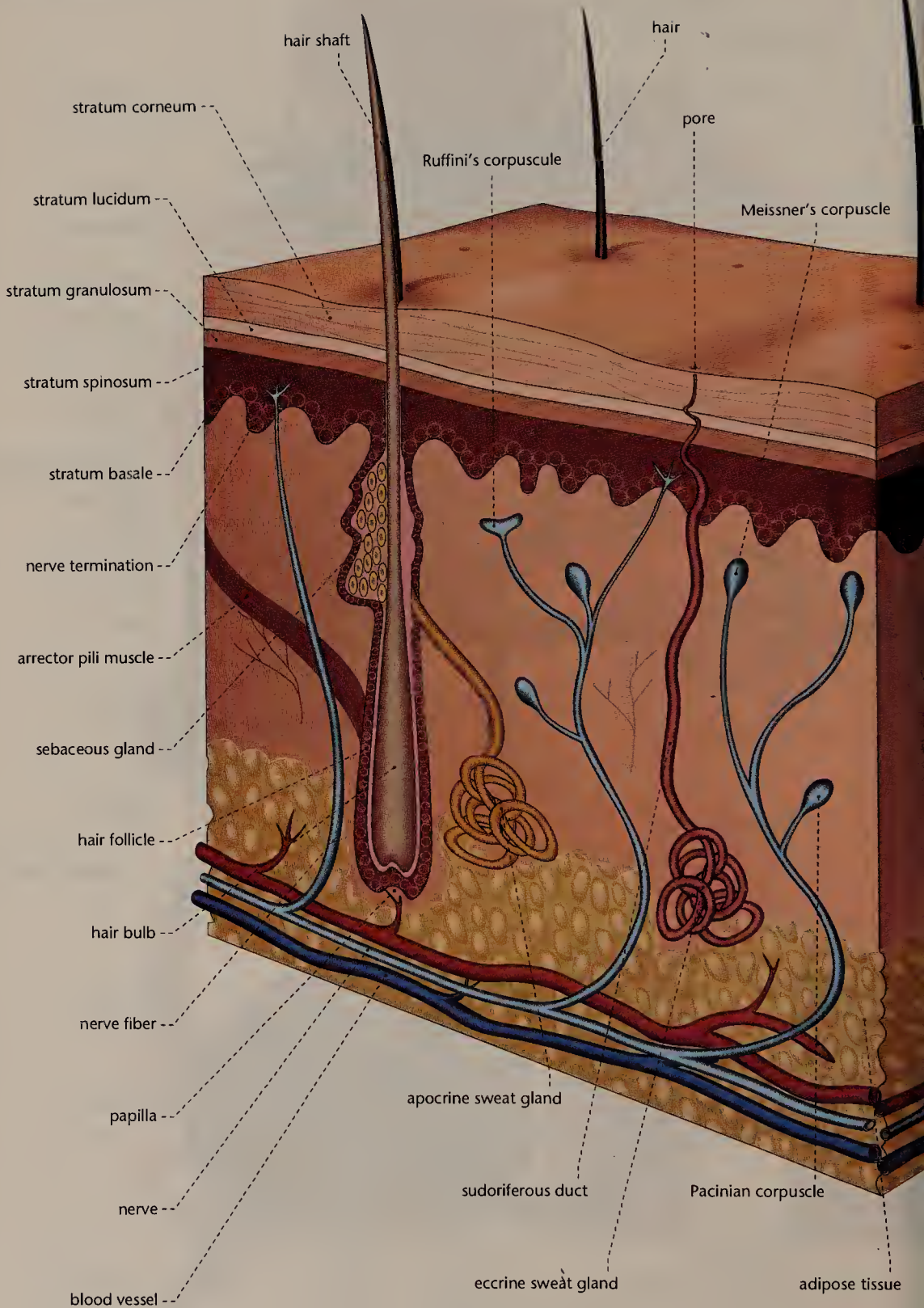
SENSORY IMPULSE



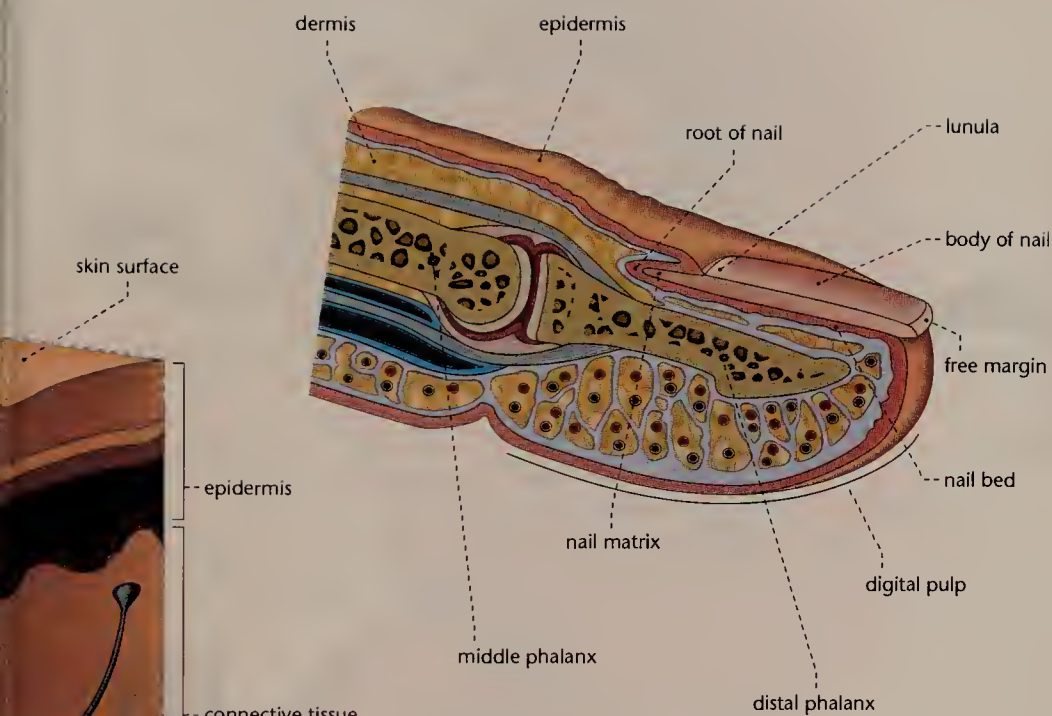
SENSE ORGANS: TOUCH

SKIN

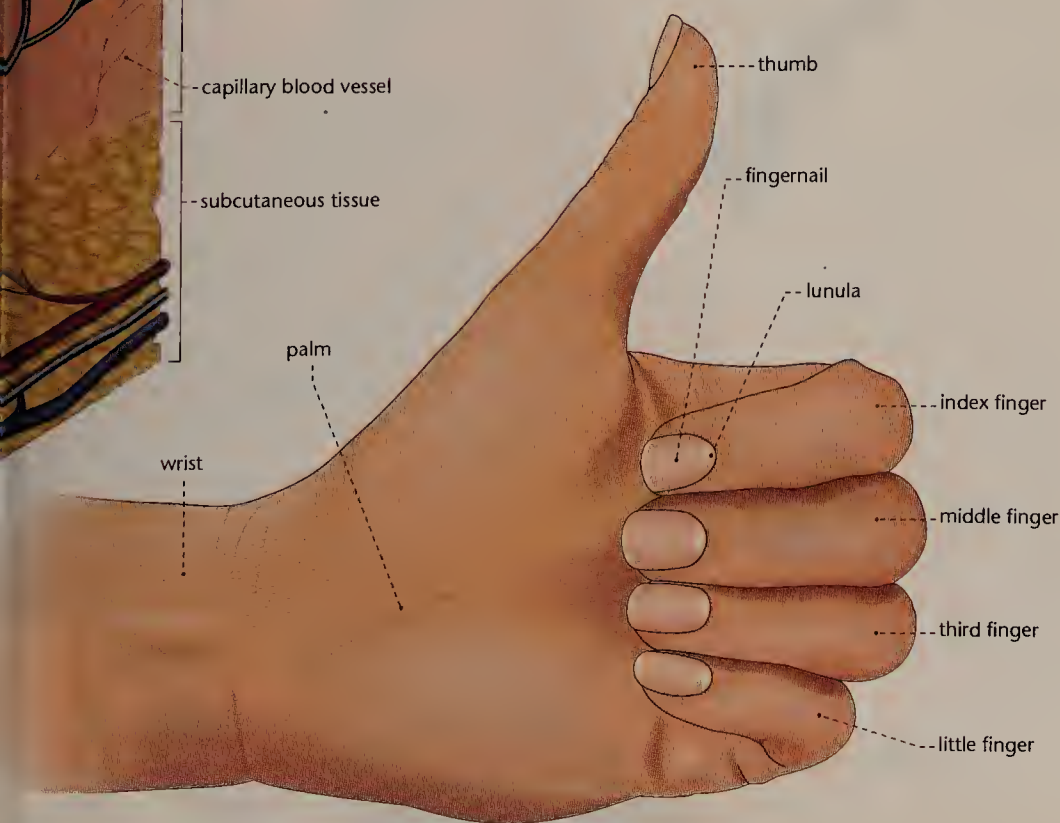
HUMAN BEING



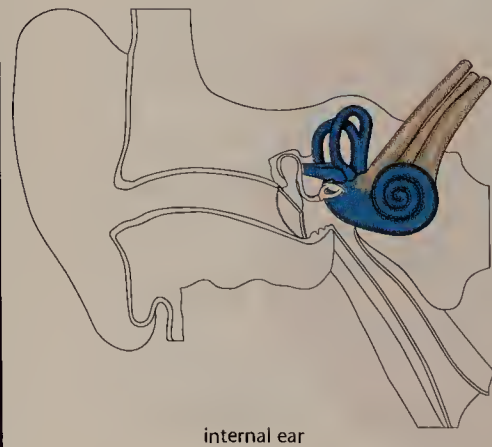
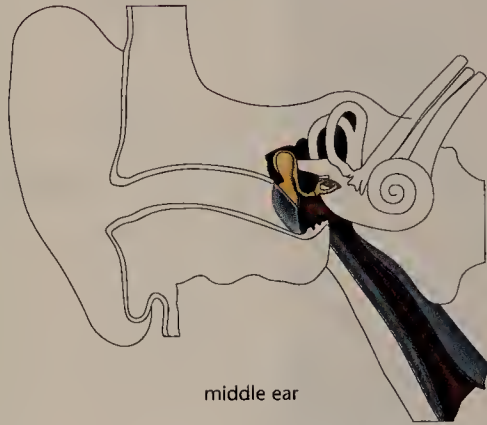
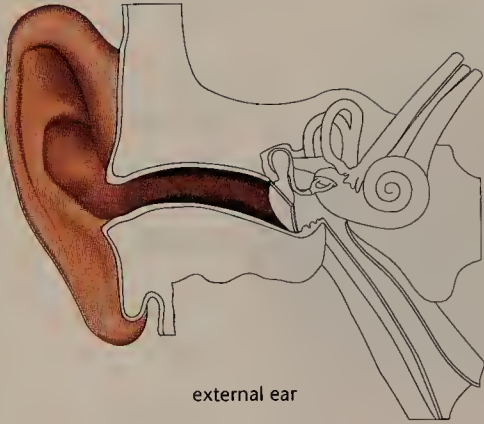
FINGER



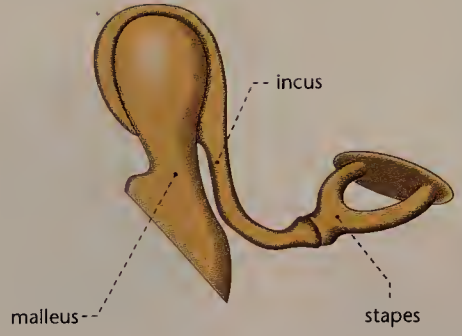
HAND



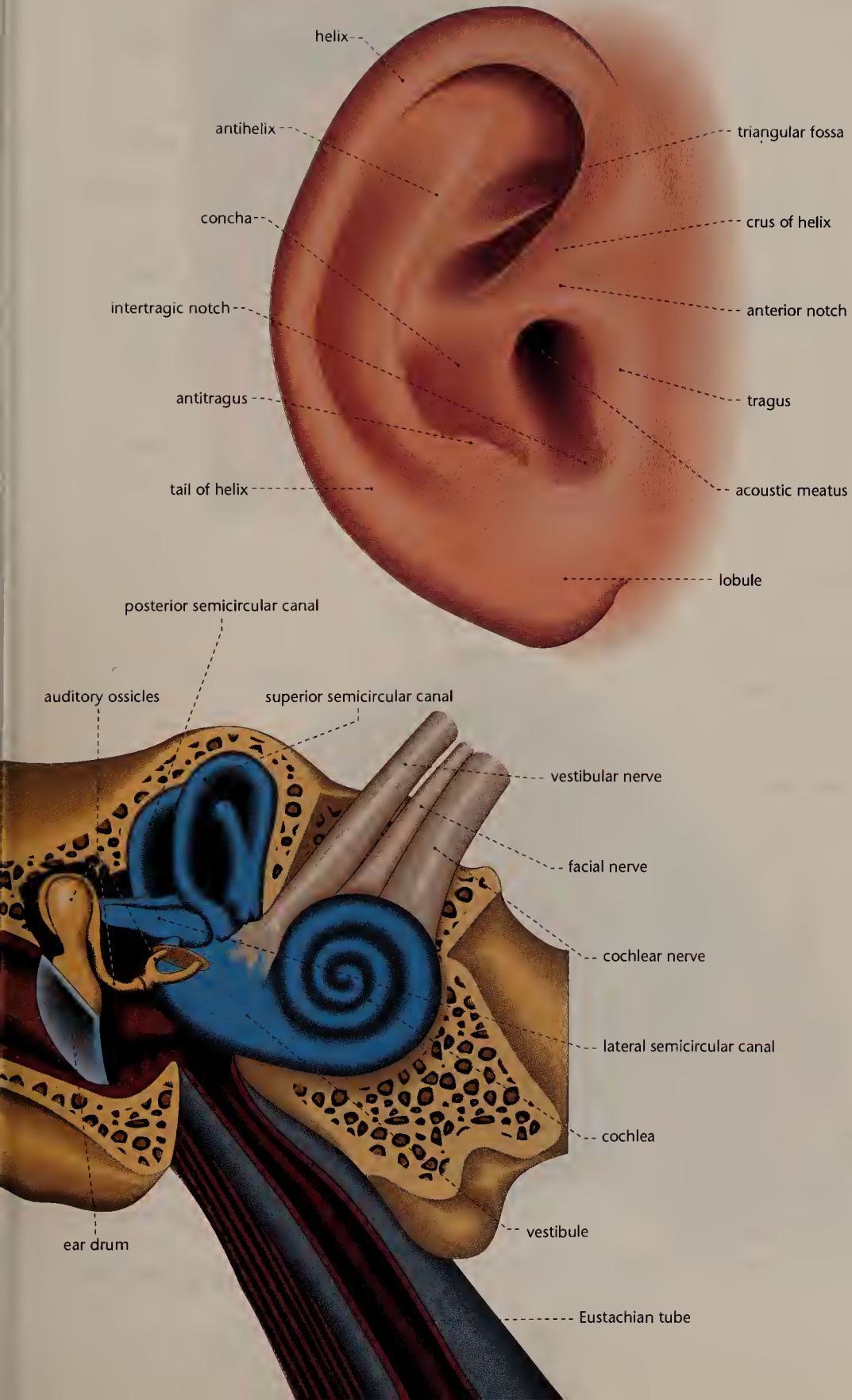
PARTS OF THE EAR



AUDITORY OSSICLES

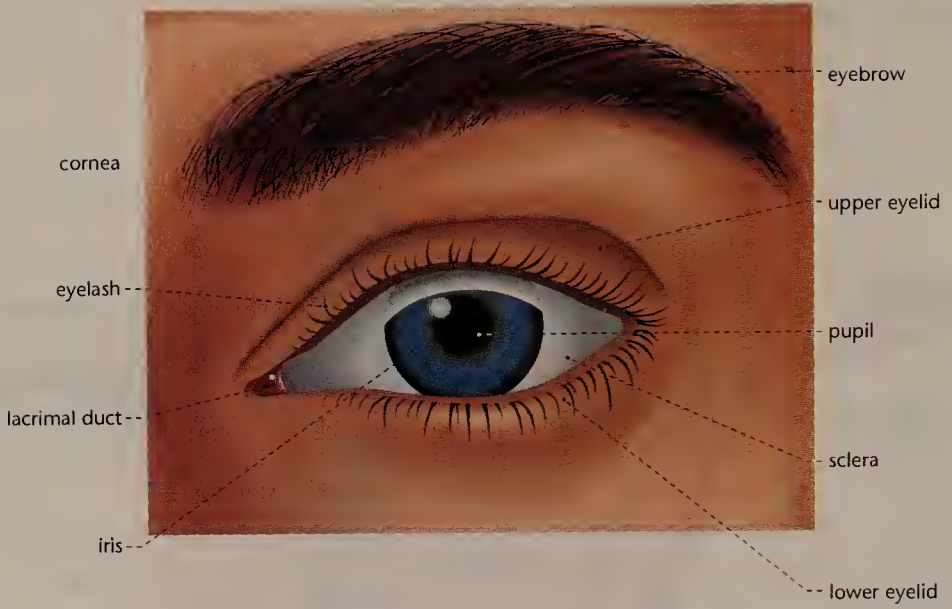


AURICLE

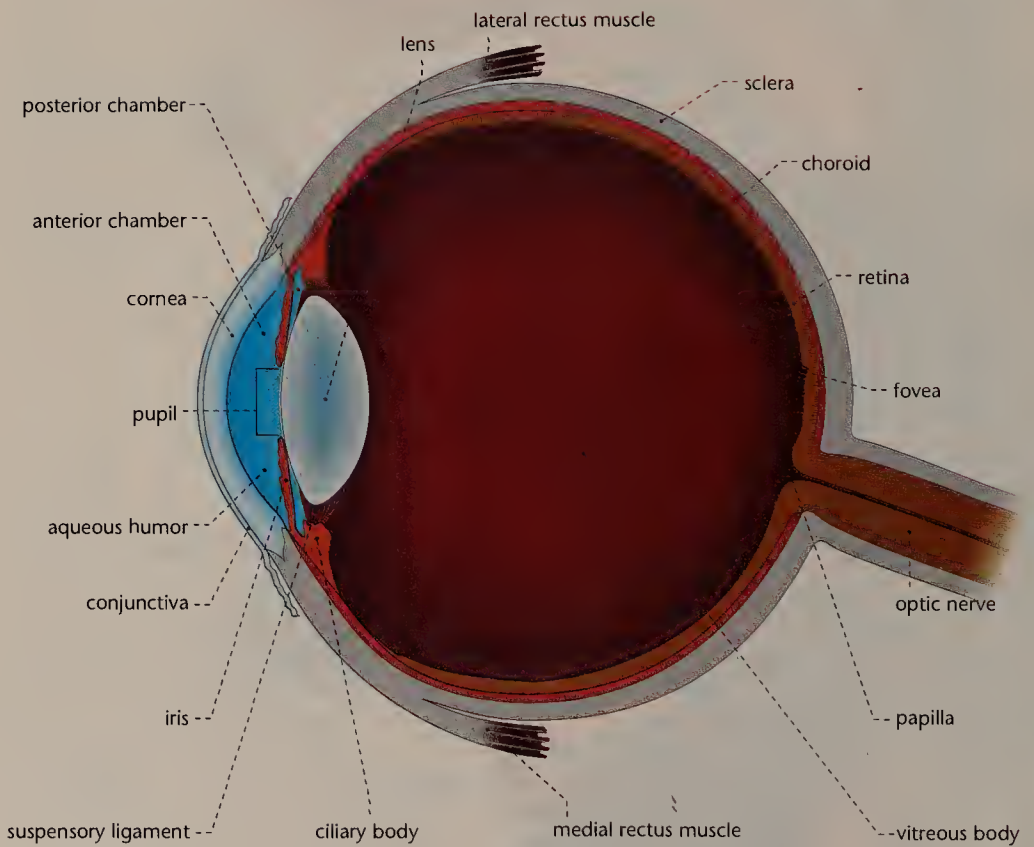


SENSE ORGANS: SIGHT

EYE

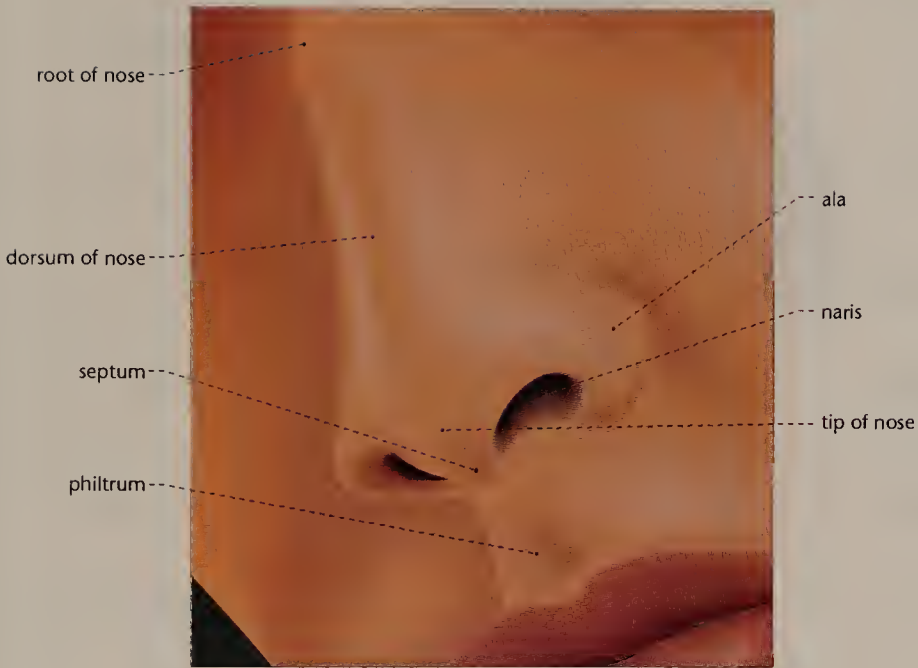


EYEBALL

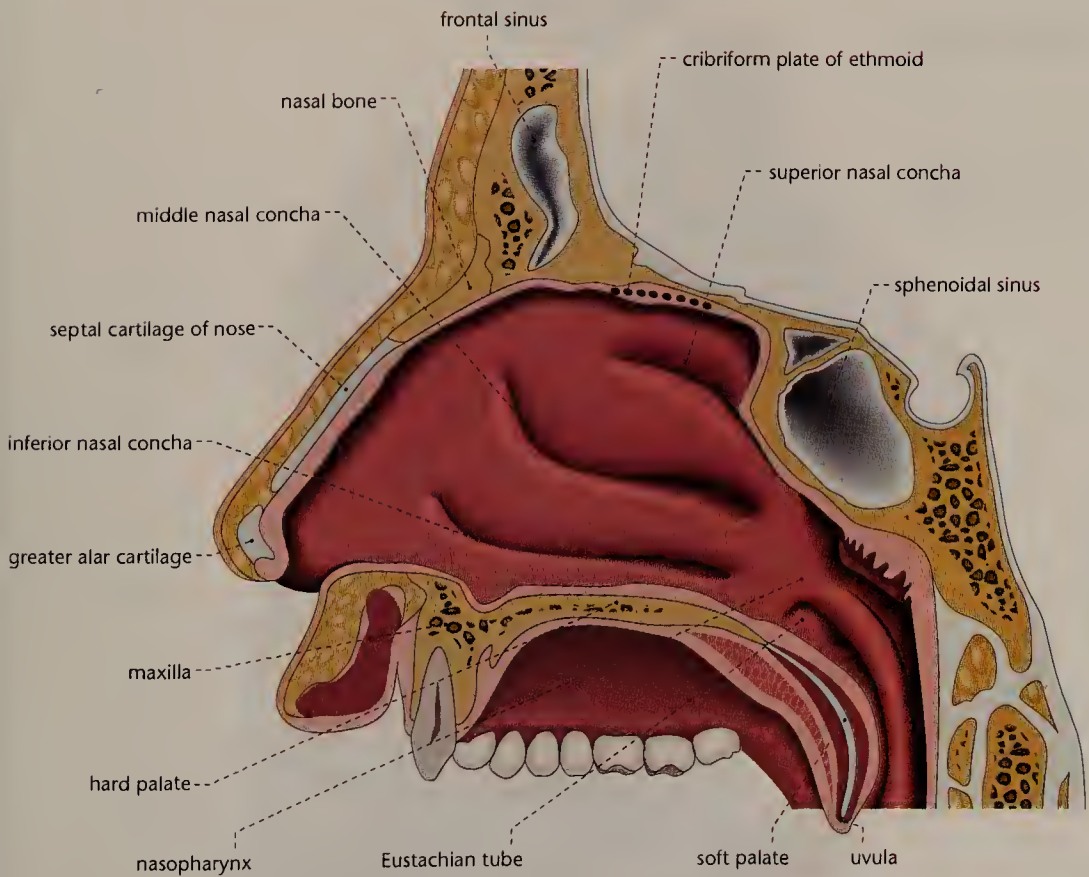


SENSE ORGANS: SMELL

EXTERNAL NOSE

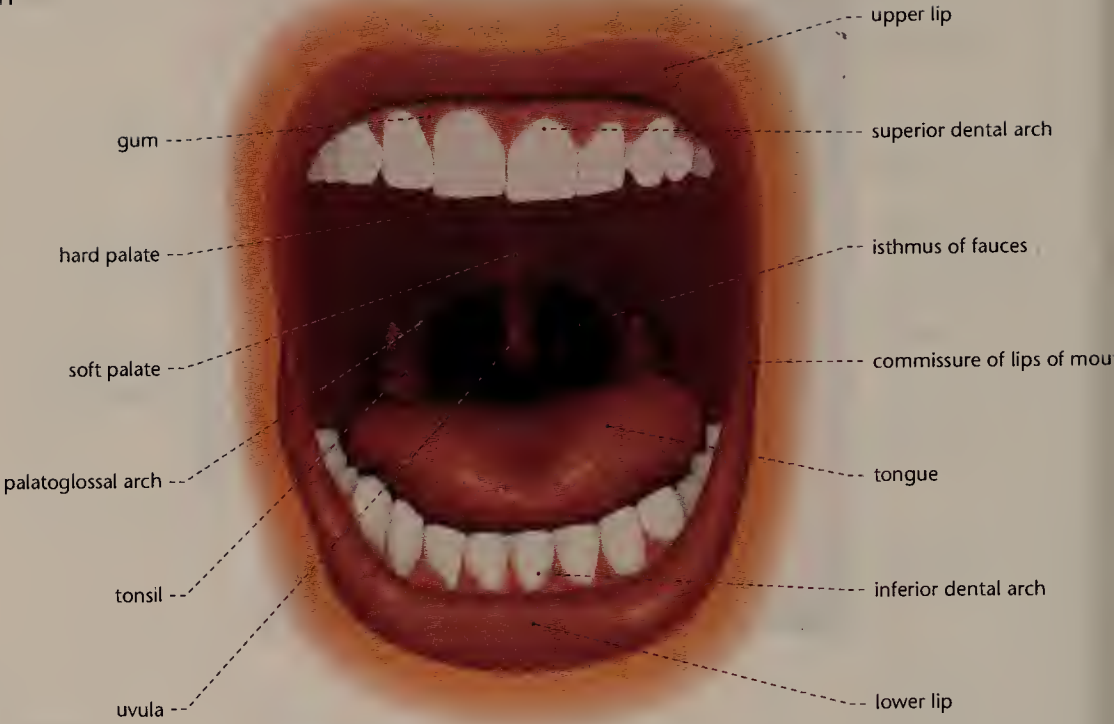


NASAL FOSSAE

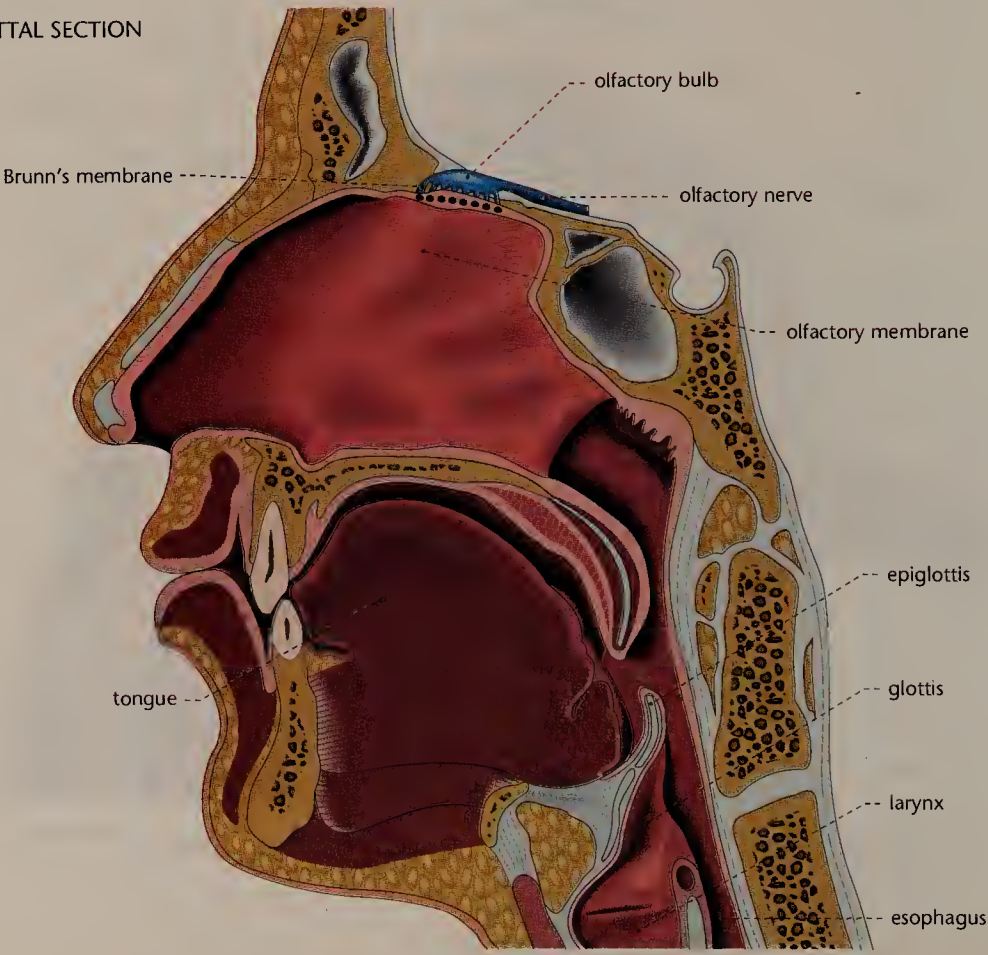


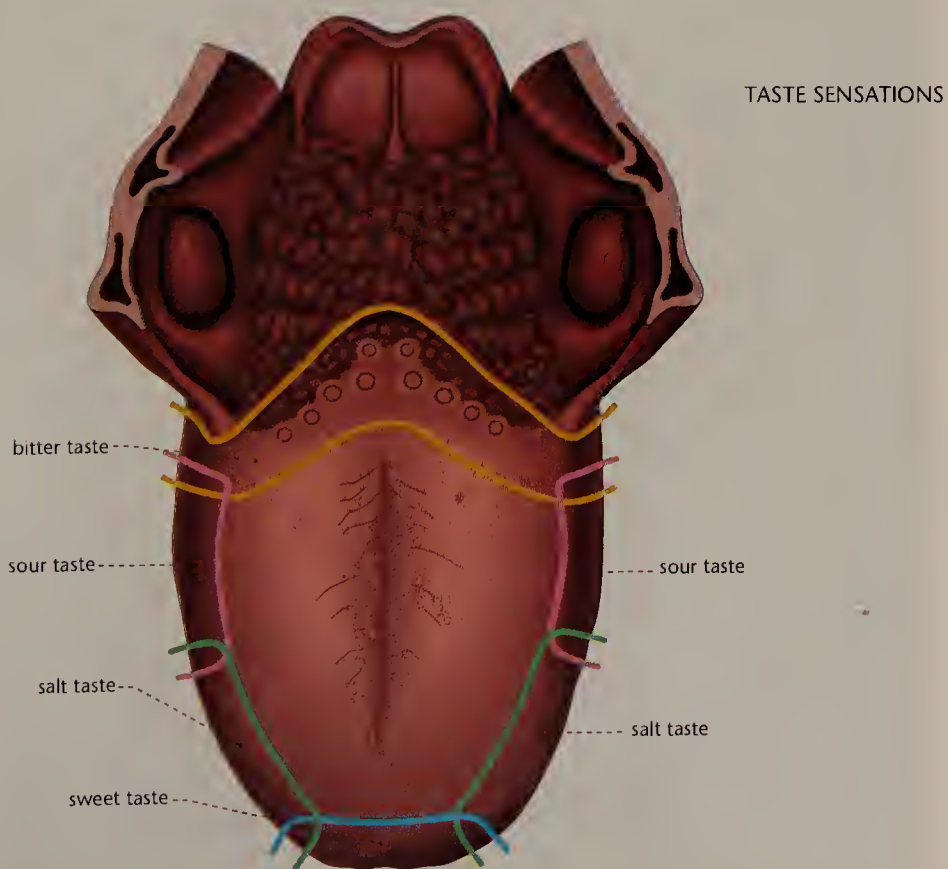
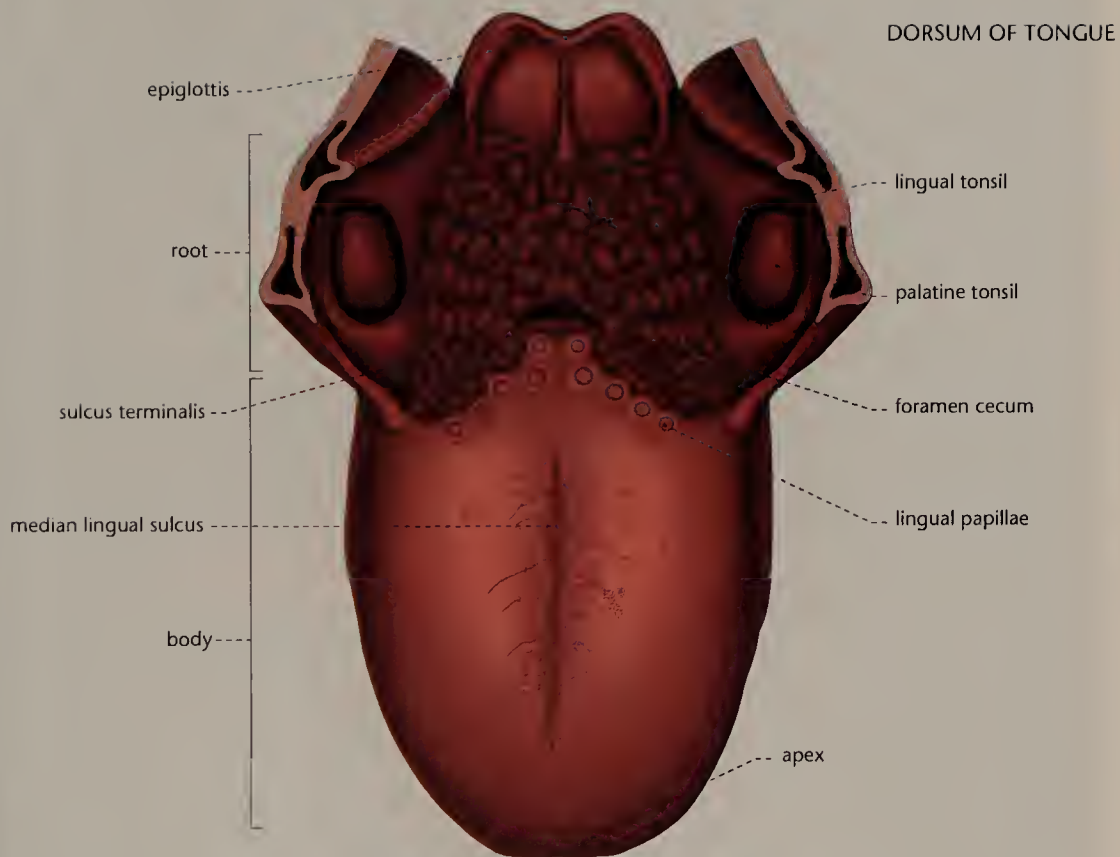
SENSES OF SMELL AND TASTE

MOUTH



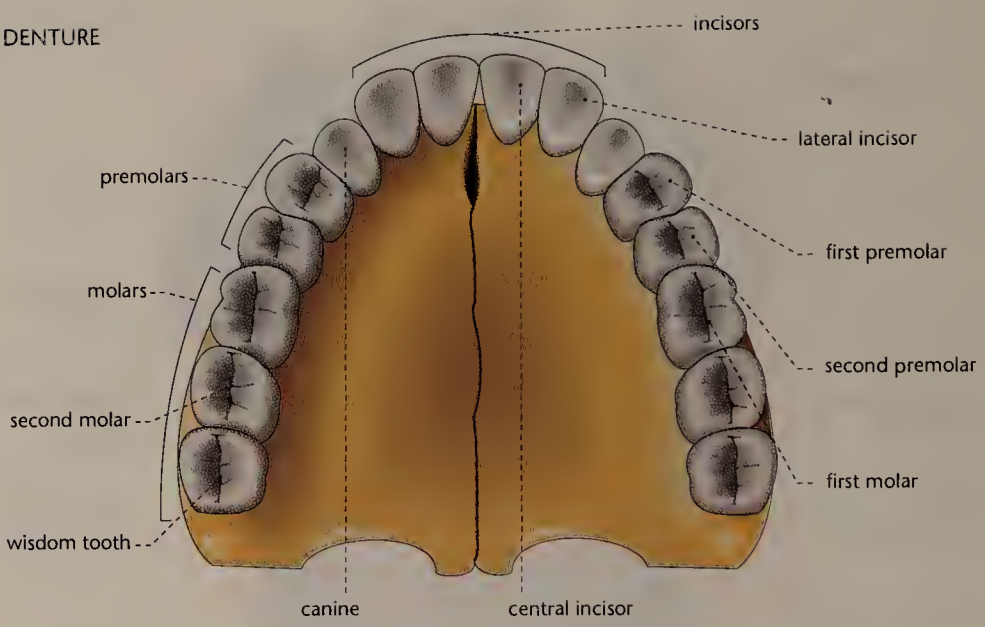
SAGITTAL SECTION



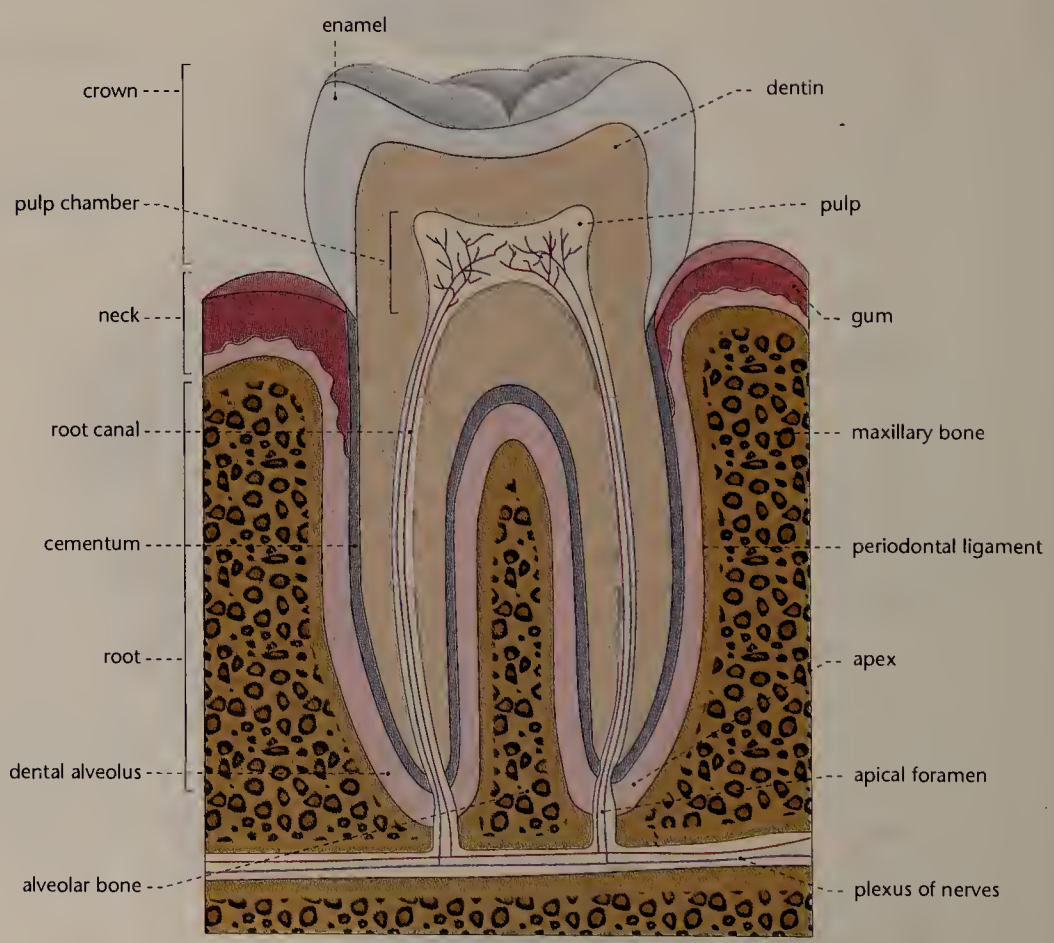


TEETH

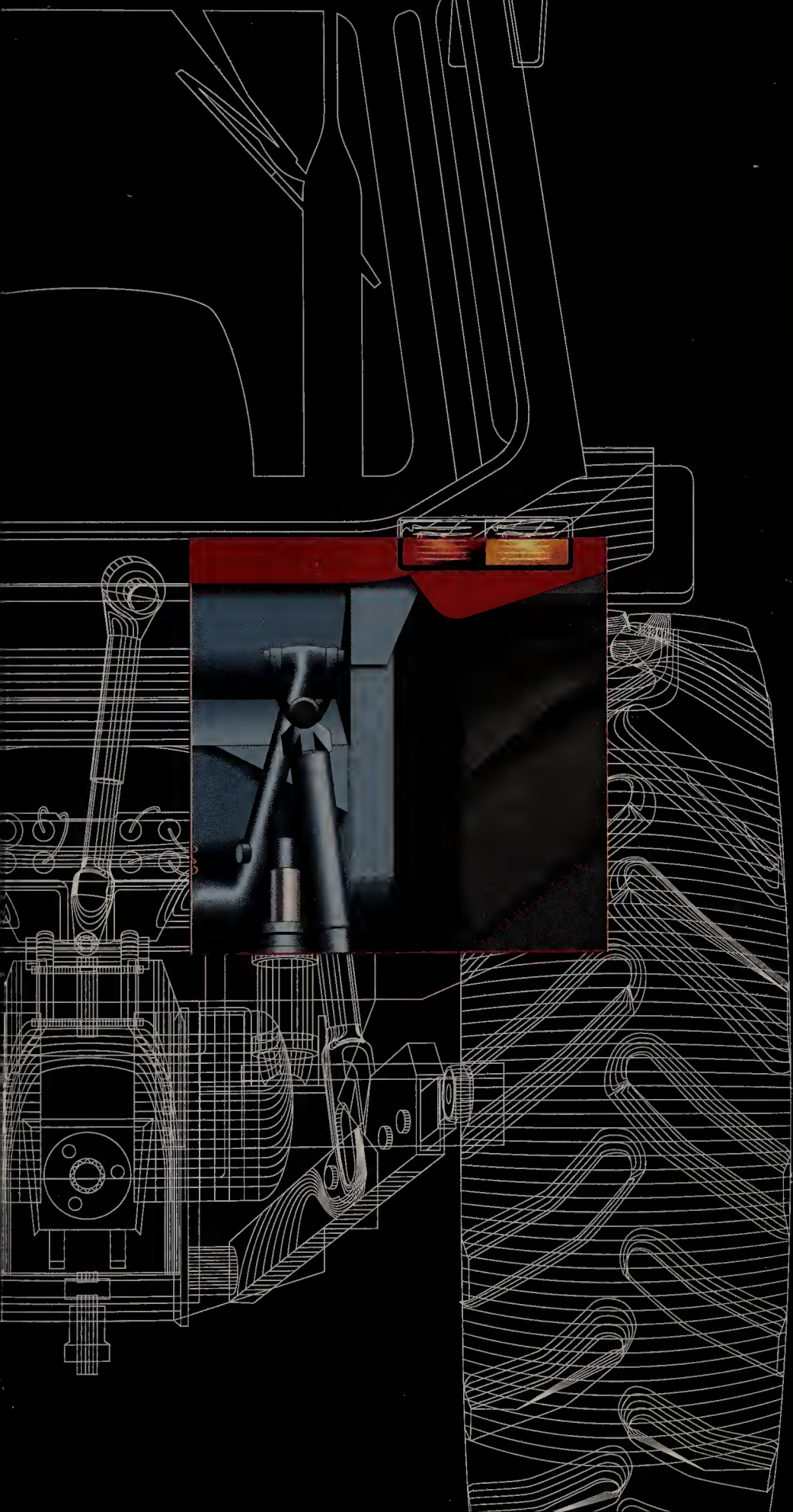
HUMAN DENTURE



CROSS SECTION OF A MOLAR



FARMING



CONTENTS

TRACTOR147

FARMSTEAD148

FARM ANIMALS150

PRINCIPAL TYPES OF CEREALS.....152

BREAD.....153

STEPS FOR CULTIVATING SOIL.....154

PLOWING SOIL.....156

FERTILIZING SOIL.....156

PULVERIZING SOIL.....157

PLANTING158

MOWING.....158

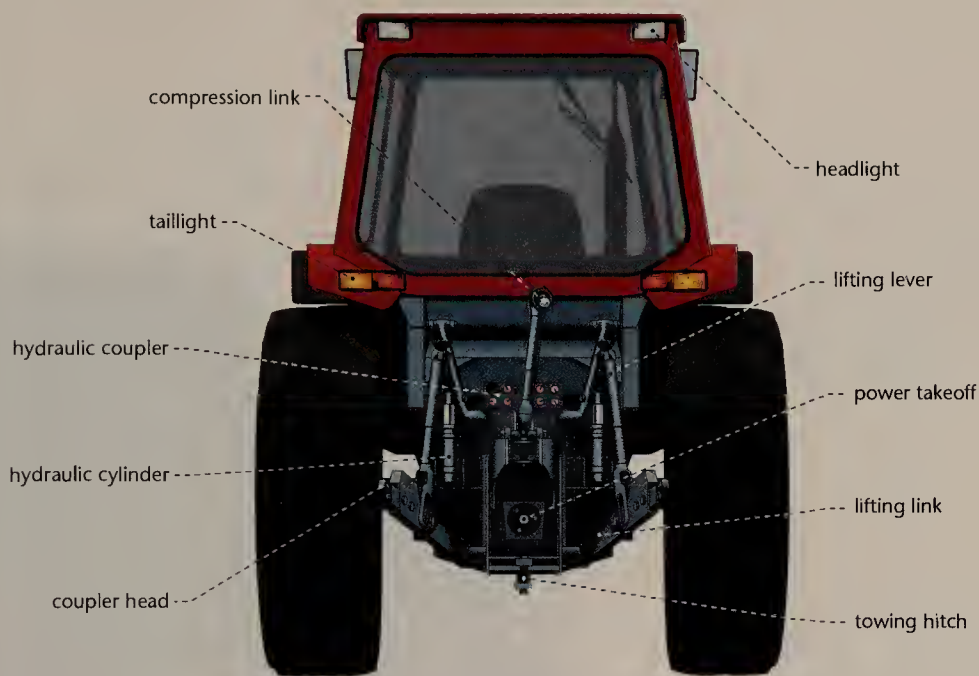
TEDDING159

HARVESTING.....159

ENSILING.....162

TRACTOR

REAR VIEW

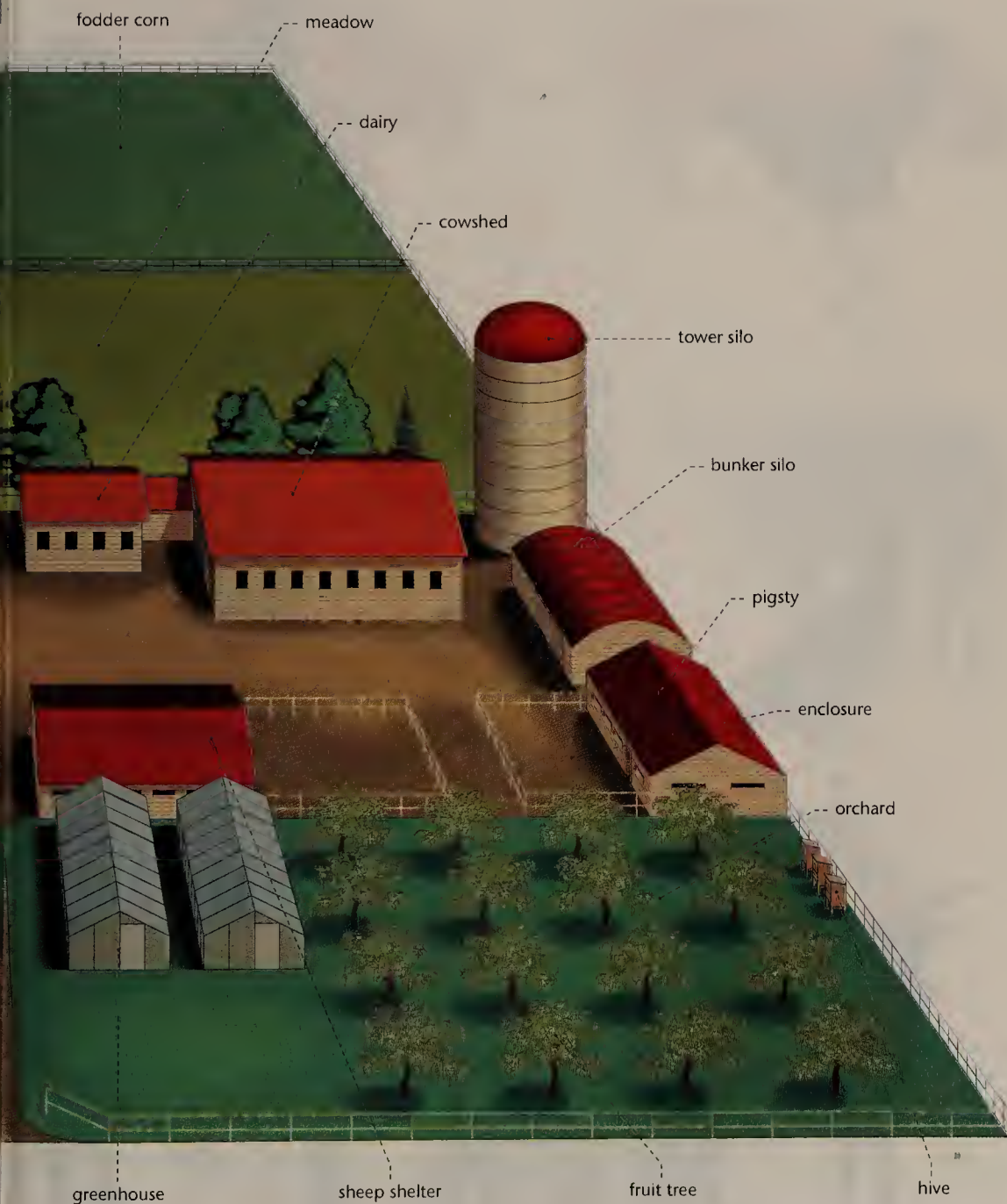


FRONT VIEW



FARMSTEAD







hen



chick



rooster



duck



goose



turkey



goat



lamb



sheep



sow



pig



cow



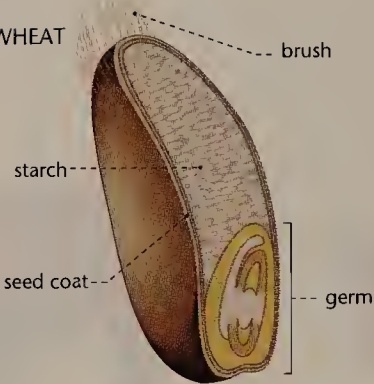
calf



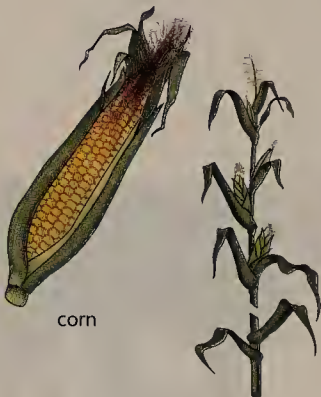
ox

PRINCIPAL TYPES OF CEREALS

SECTION OF A GRAIN OF WHEAT



wheat



corn



barley



rye



rice



sorghum



oats



buckwheat



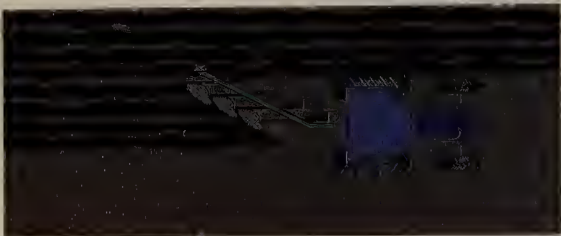
millet

BREAD



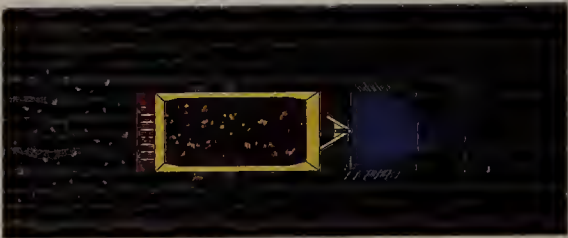
STEPS FOR CULTIVATING SOIL

PLOWING SOIL



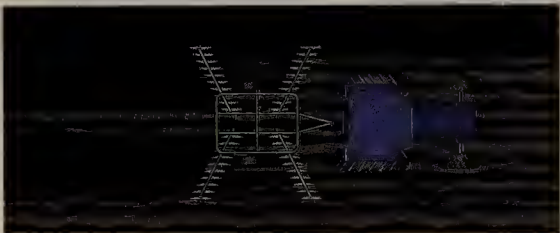
ribbing plow

FERTILIZING SOIL

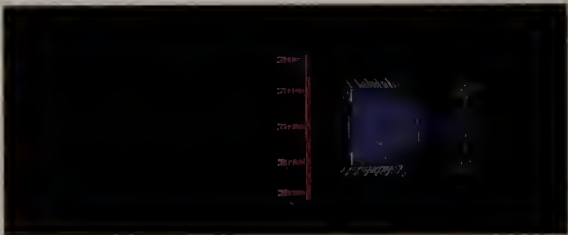


manure spreader

PULVERIZING SOIL

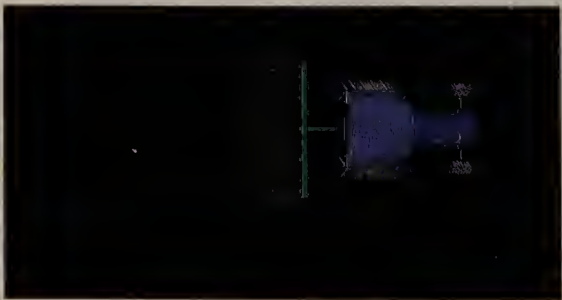


tandem disk harrow



cultivator

PLANTING



seed drill

MOWING



flail mower

TEDDING



rake

HARVESTING

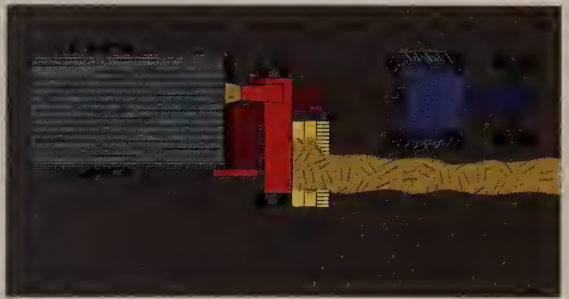


hay baler

HARVESTING



combine harvester



forage harvester

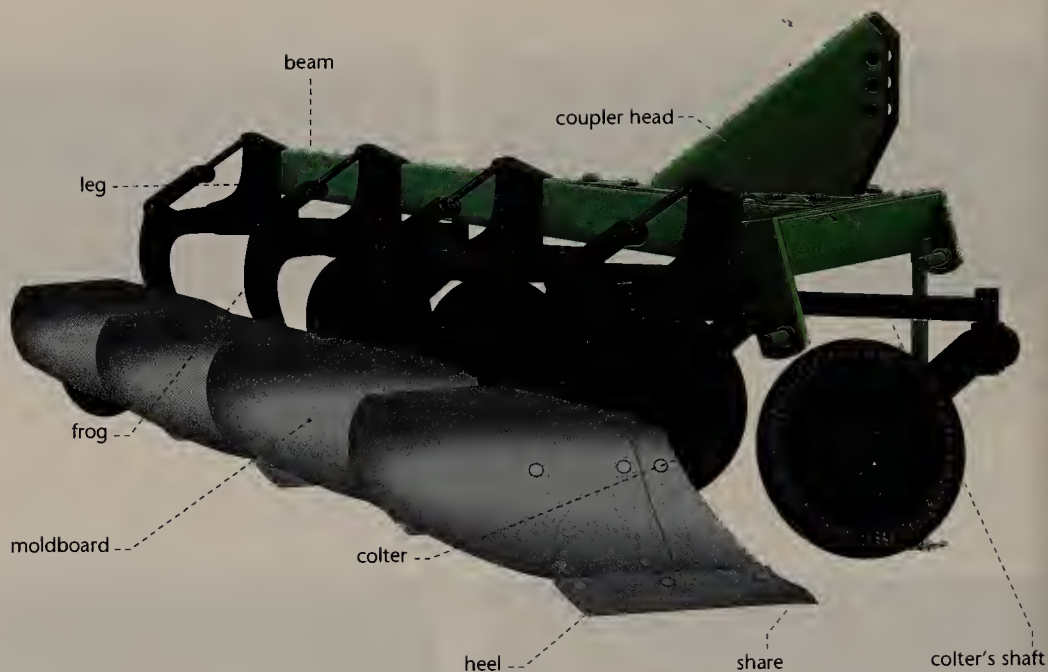
ENSILING



forage blower

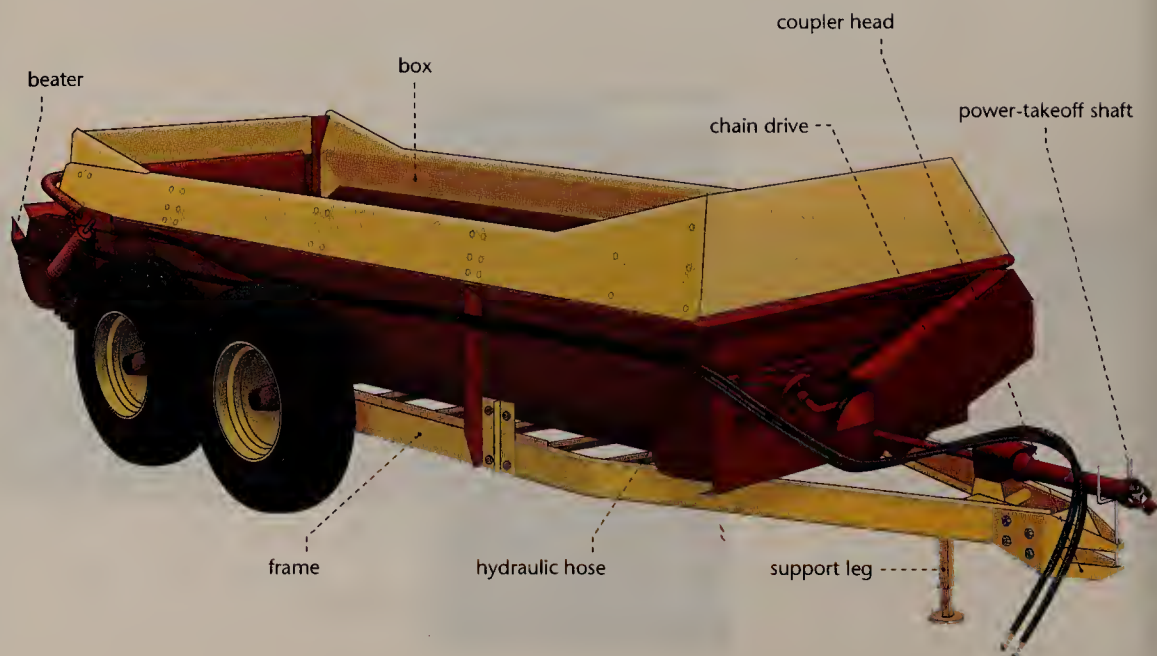
PLOWING SOIL

RIBBING PLOW



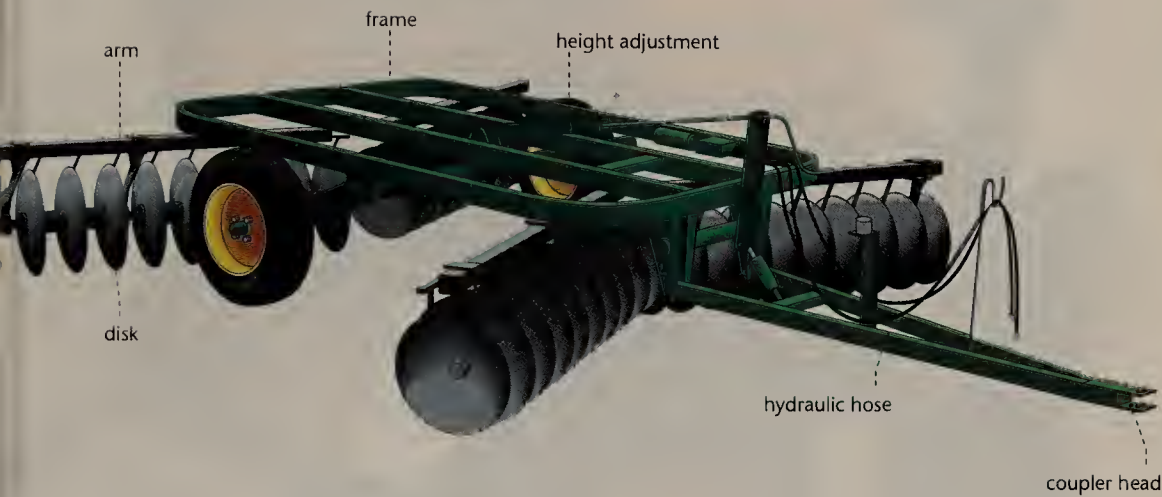
FERTILIZING SOIL

MANURE SPREADER

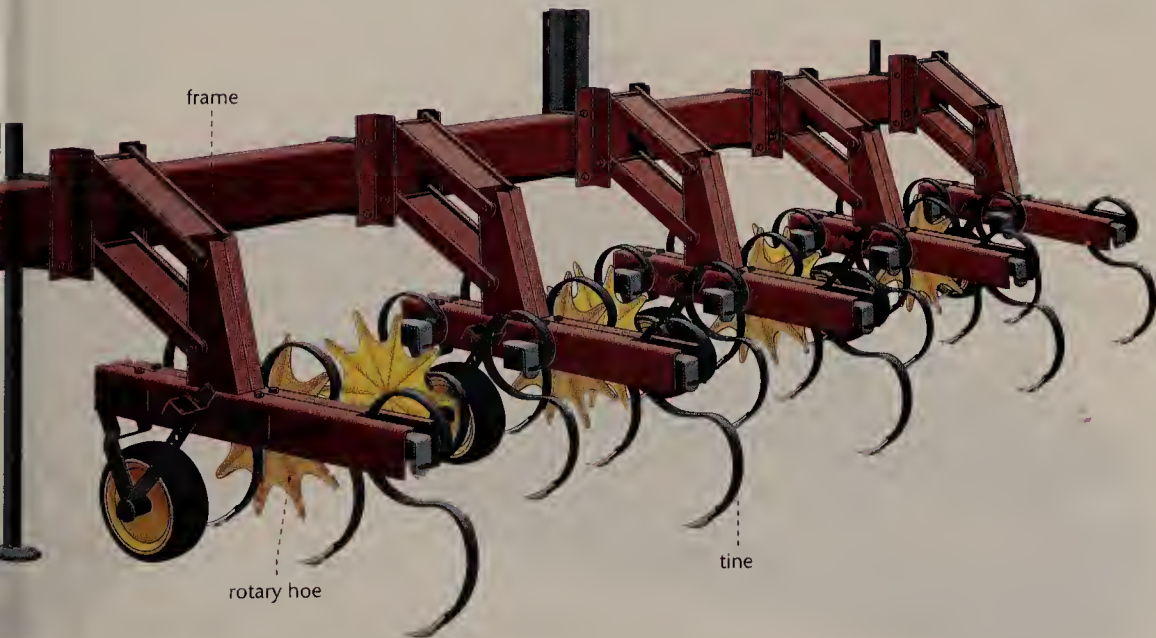


PULVERIZING SOIL

TANDEM DISK HARROW



CULTIVATOR



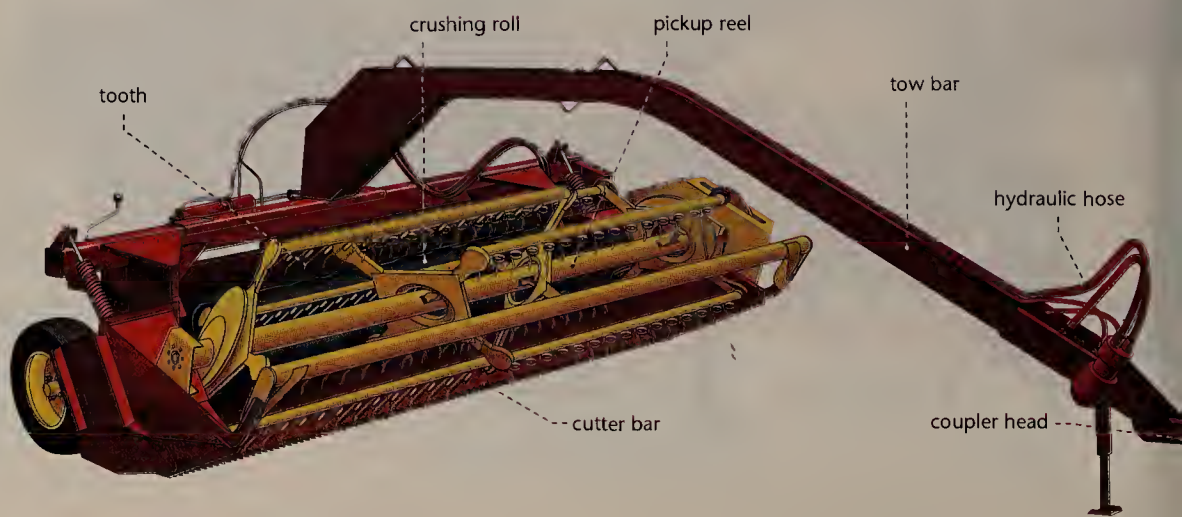
PLANTING

SEED DRILL



MOWING

FLAIL MOWER



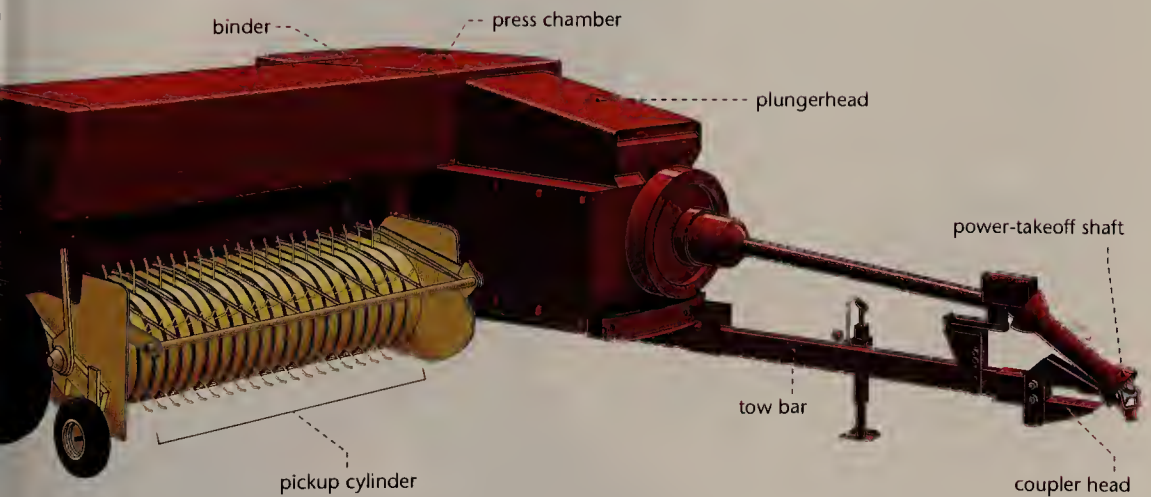
TEDDING

RAKE



HARVESTING

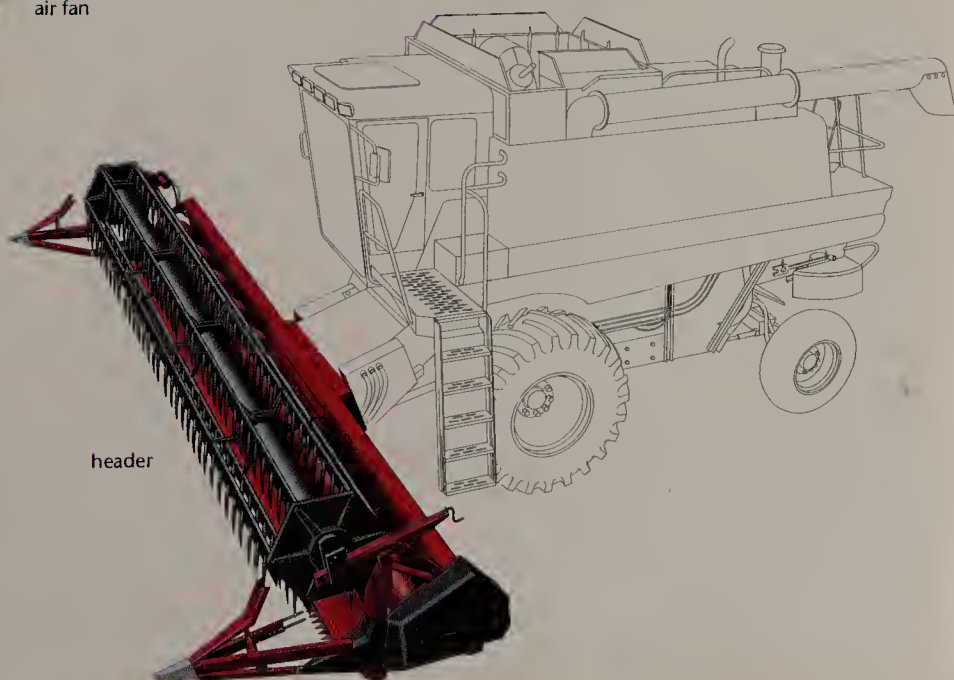
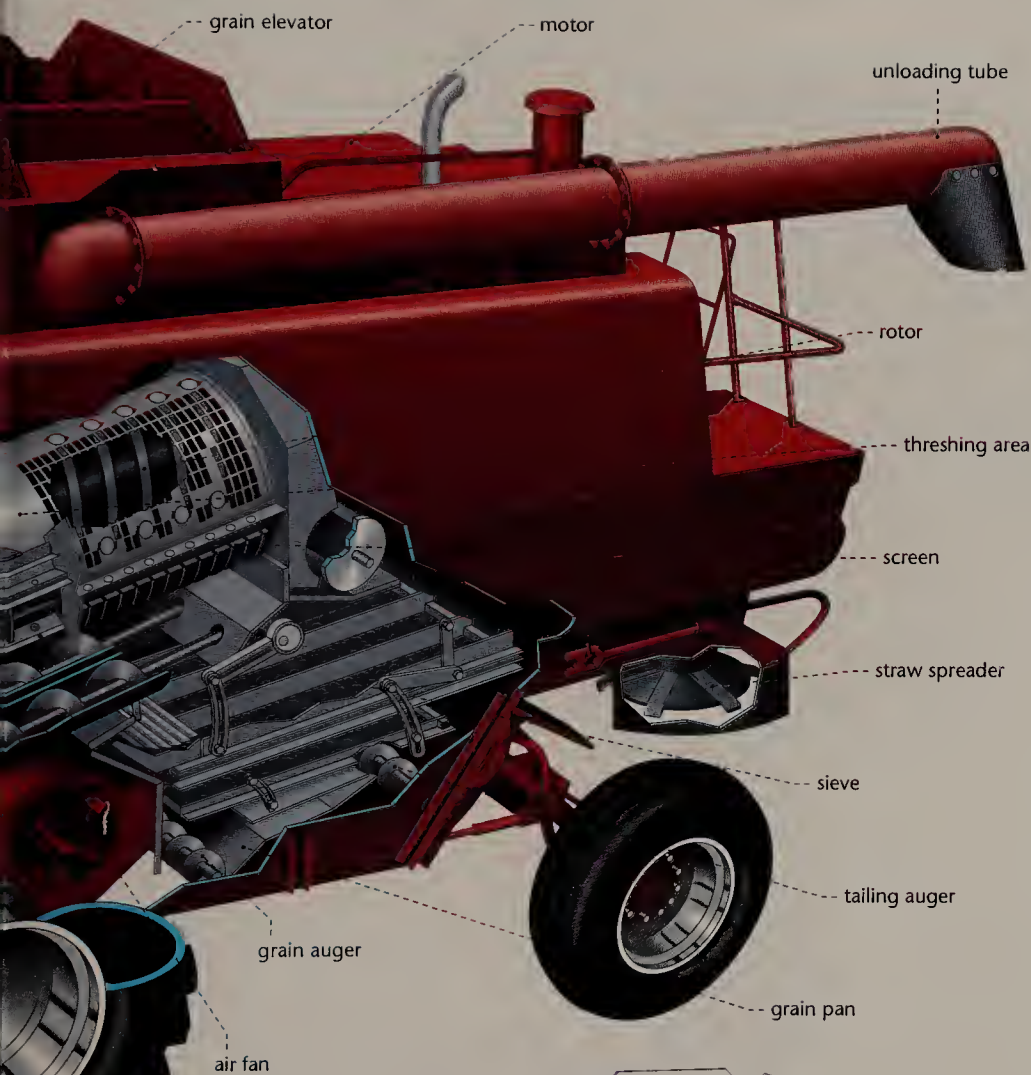
HAY BALER



HARVESTING

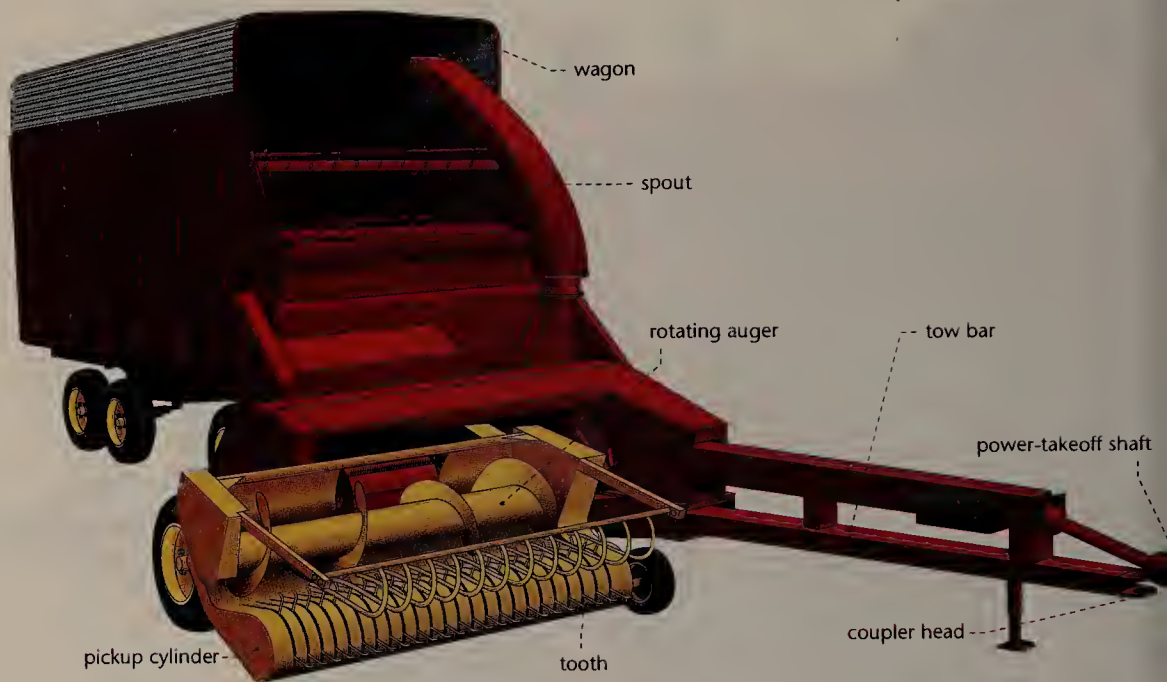
COMBINE HARVESTER





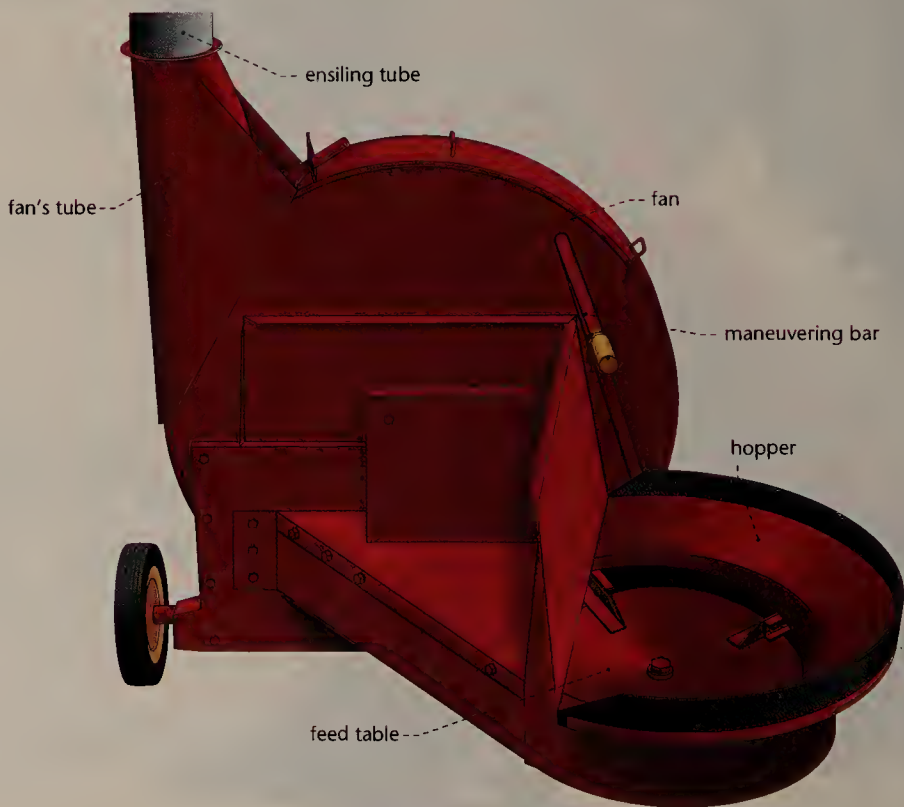
HARVESTING

FORAGE HARVESTER

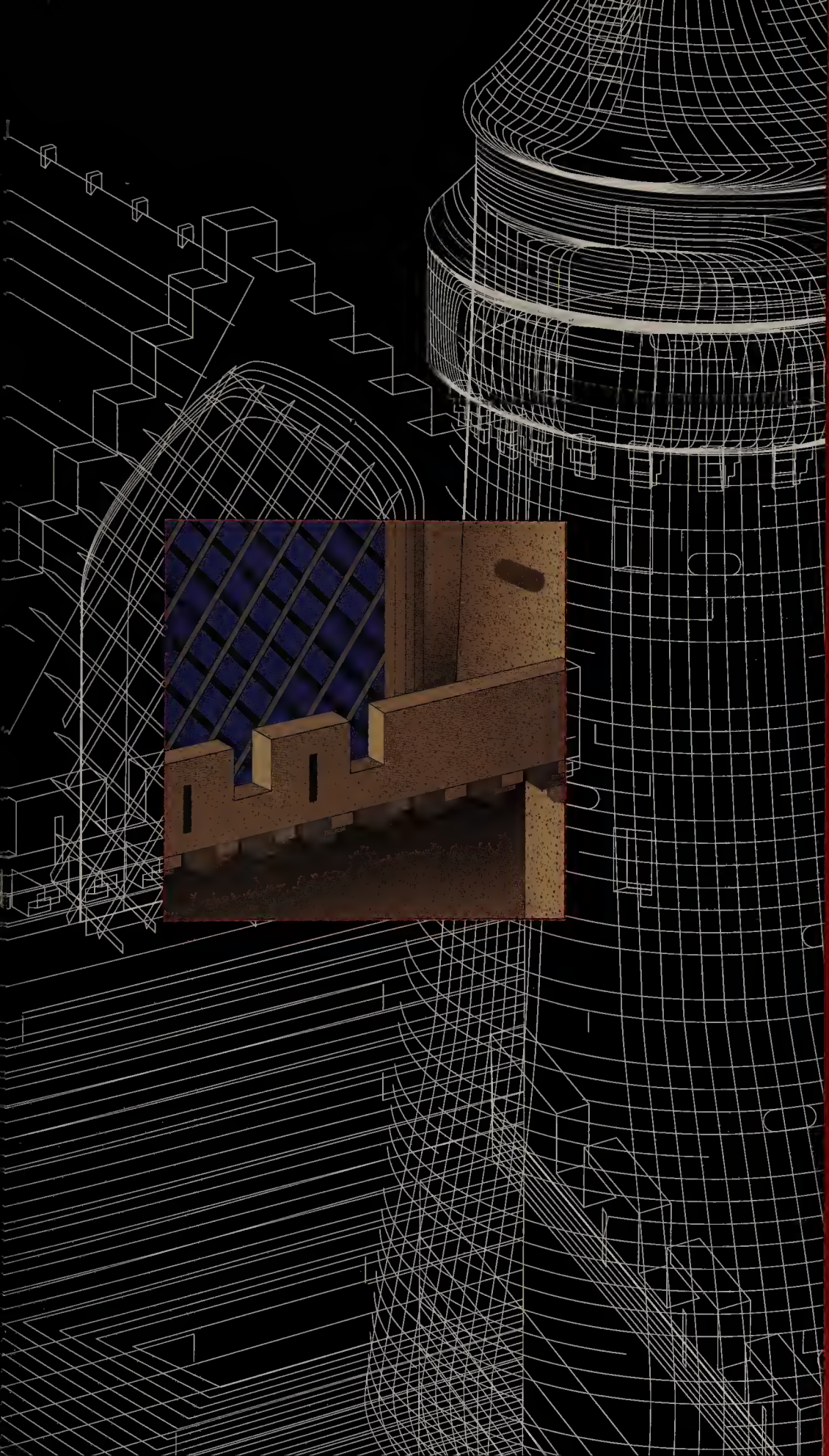


ENSILING

FORAGE BLOWER



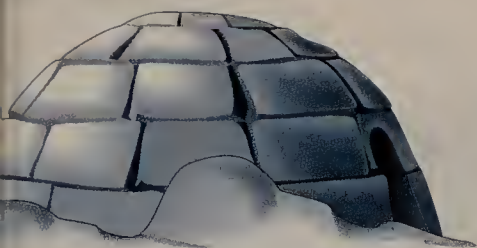
ARCHITECTURE



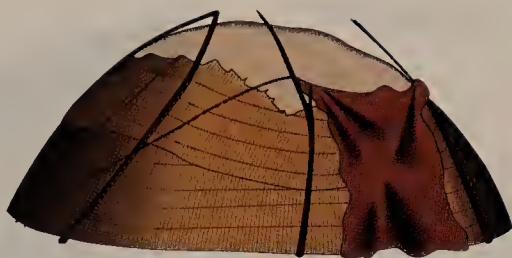
CONTENTS

TRADITIONAL HOUSES	165
ARCHITECTURAL STYLES	166
GREEK TEMPLE.....	168
ROMAN HOUSE	170
MOSQUE	172
ARCH	174
GOTHIC CATHEDRAL	175
VAUBAN FORTIFICATION	178
CASTLE	180
ROOFS	182
DOWNTOWN	184
CROSS SECTION OF A STREET	186
CITY HOUSES.....	187
THEATER	188
OFFICE BUILDING	190

TRADITIONAL HOUSES



igloo



wigwam



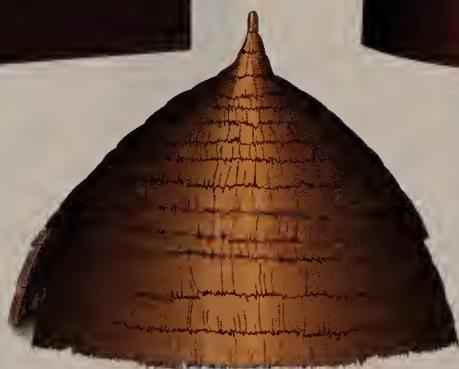
yurt



isba



hut



hut

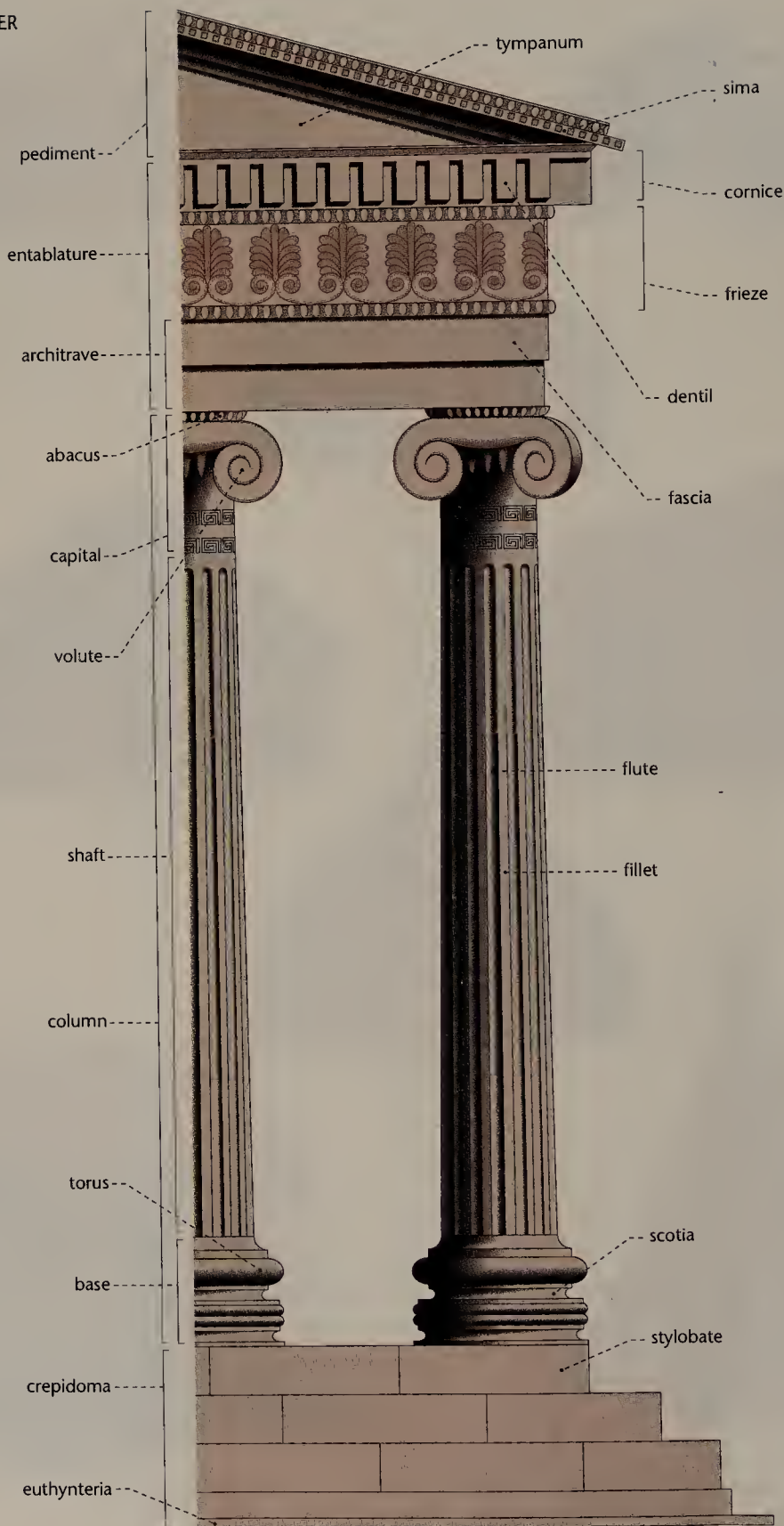


tepee

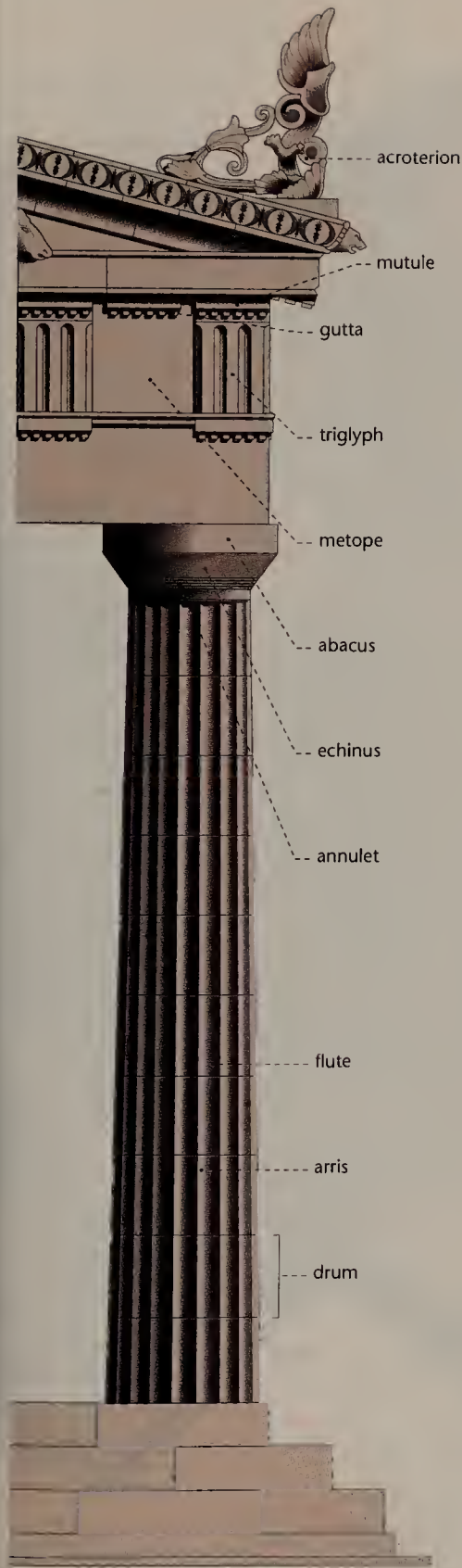


pile dwelling

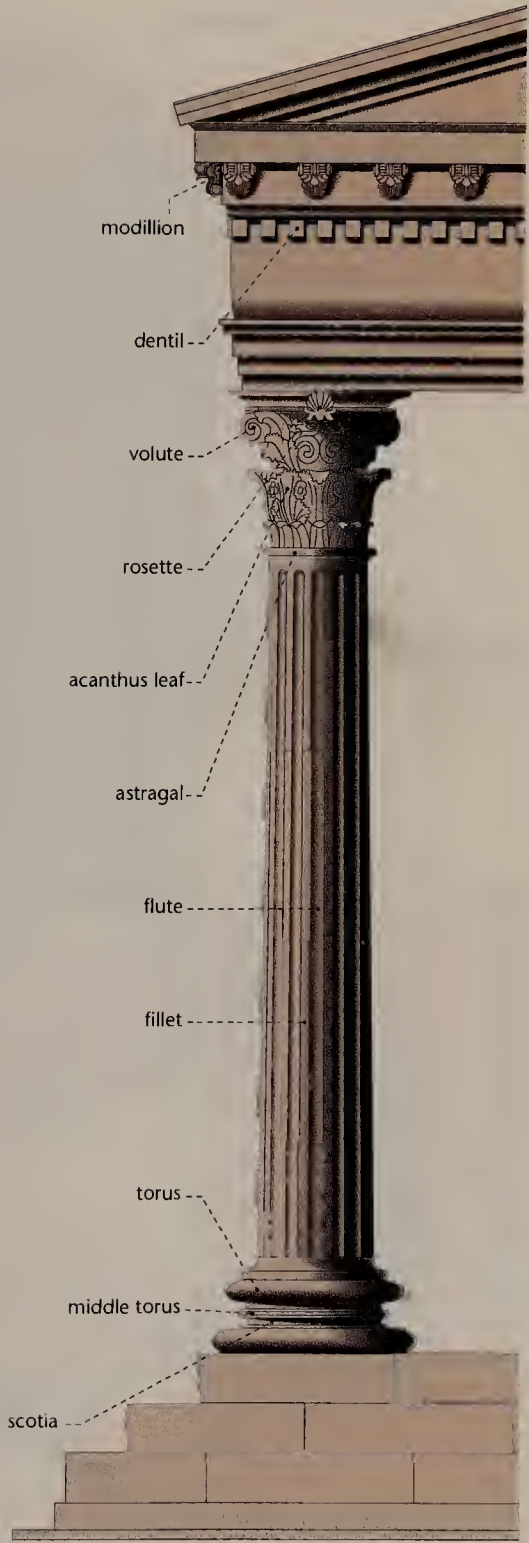
IONIC ORDER



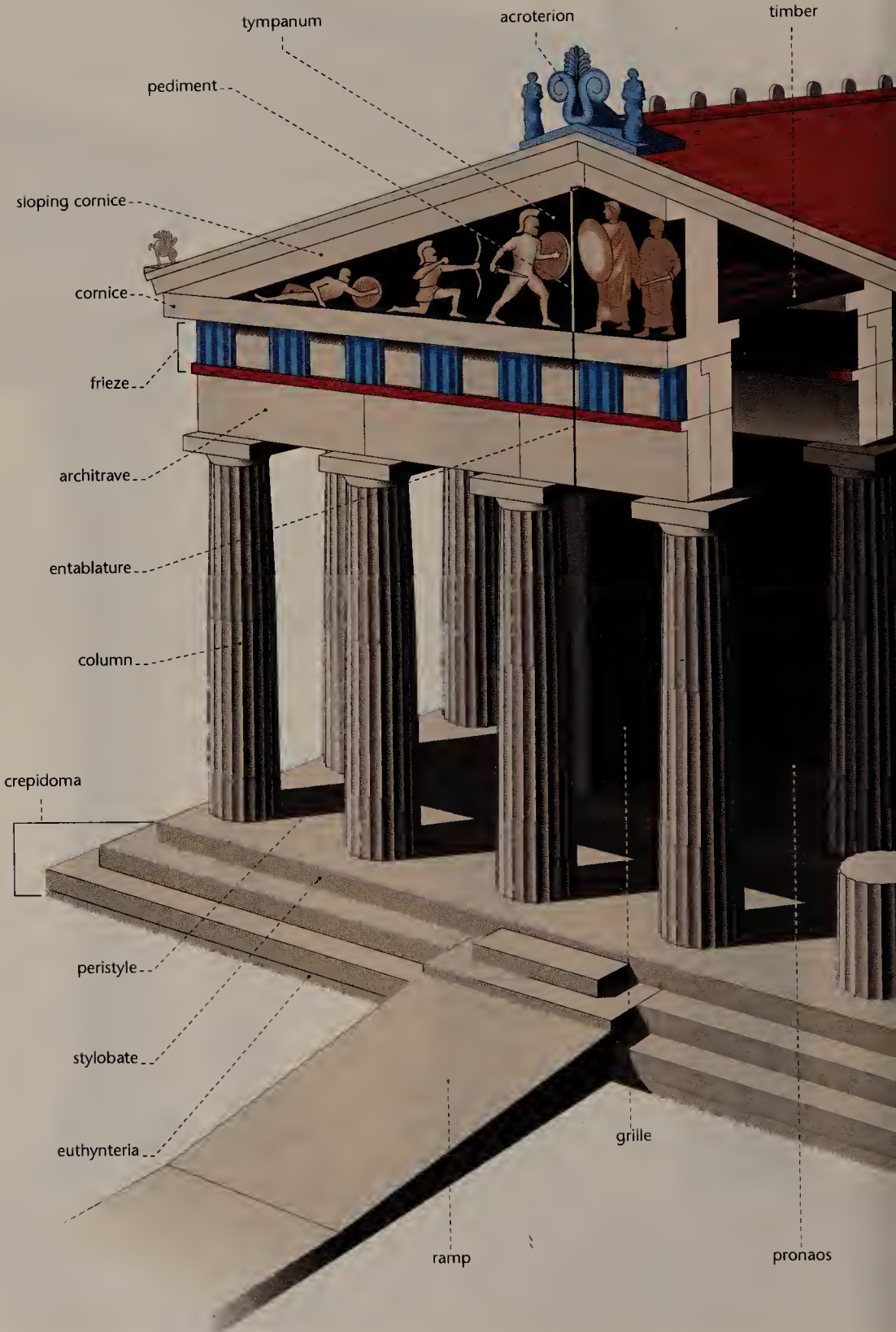
DORIC ORDER

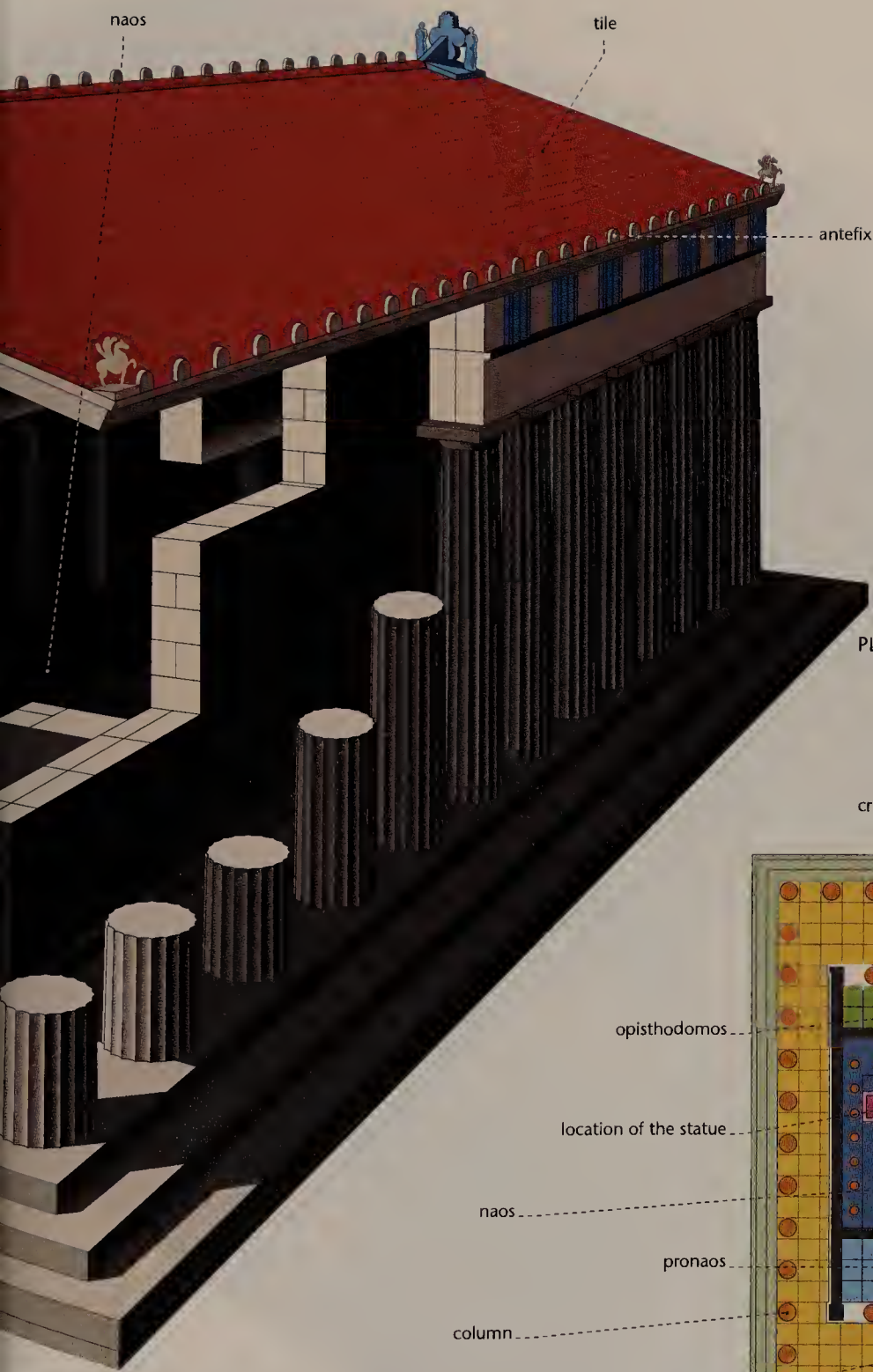


CORINTHIAN ORDER

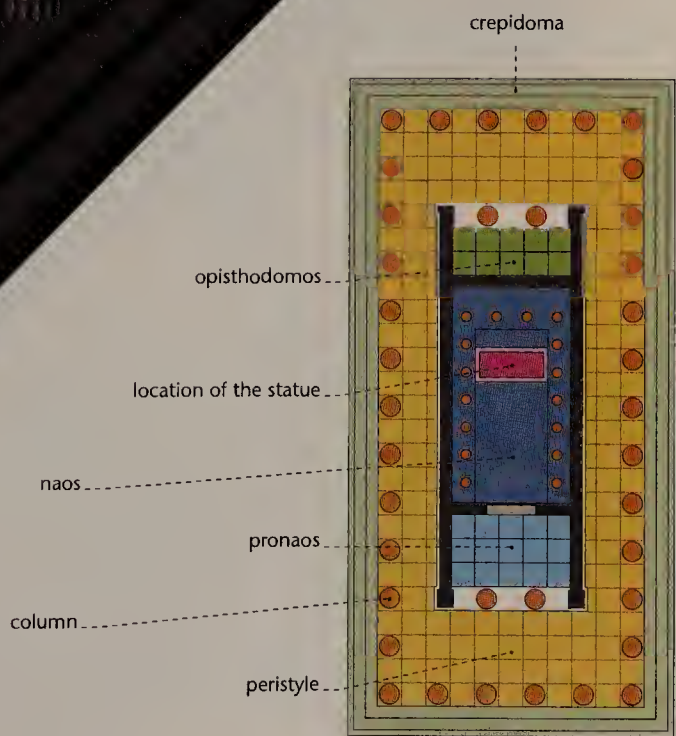


GREEK TEMPLE

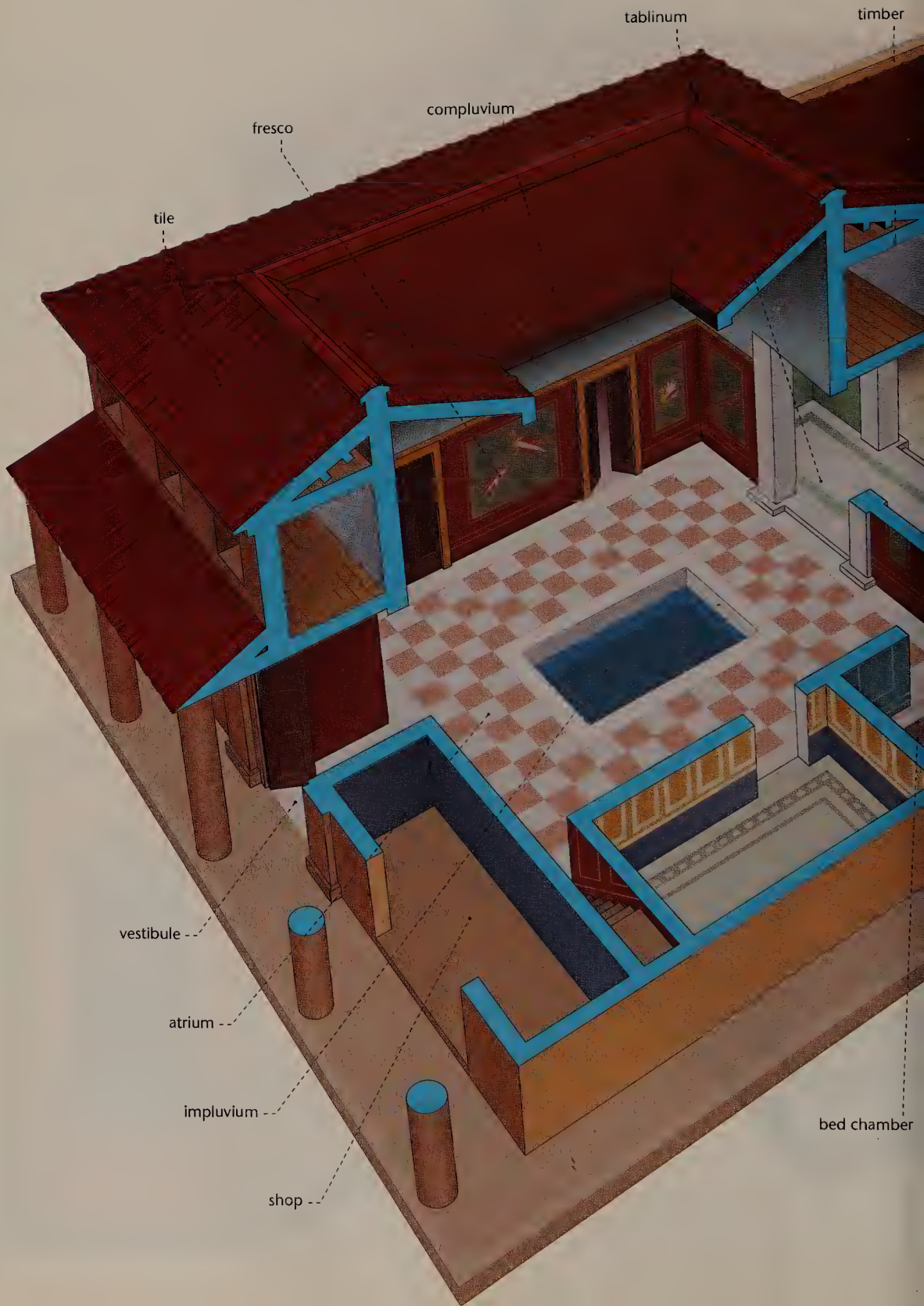


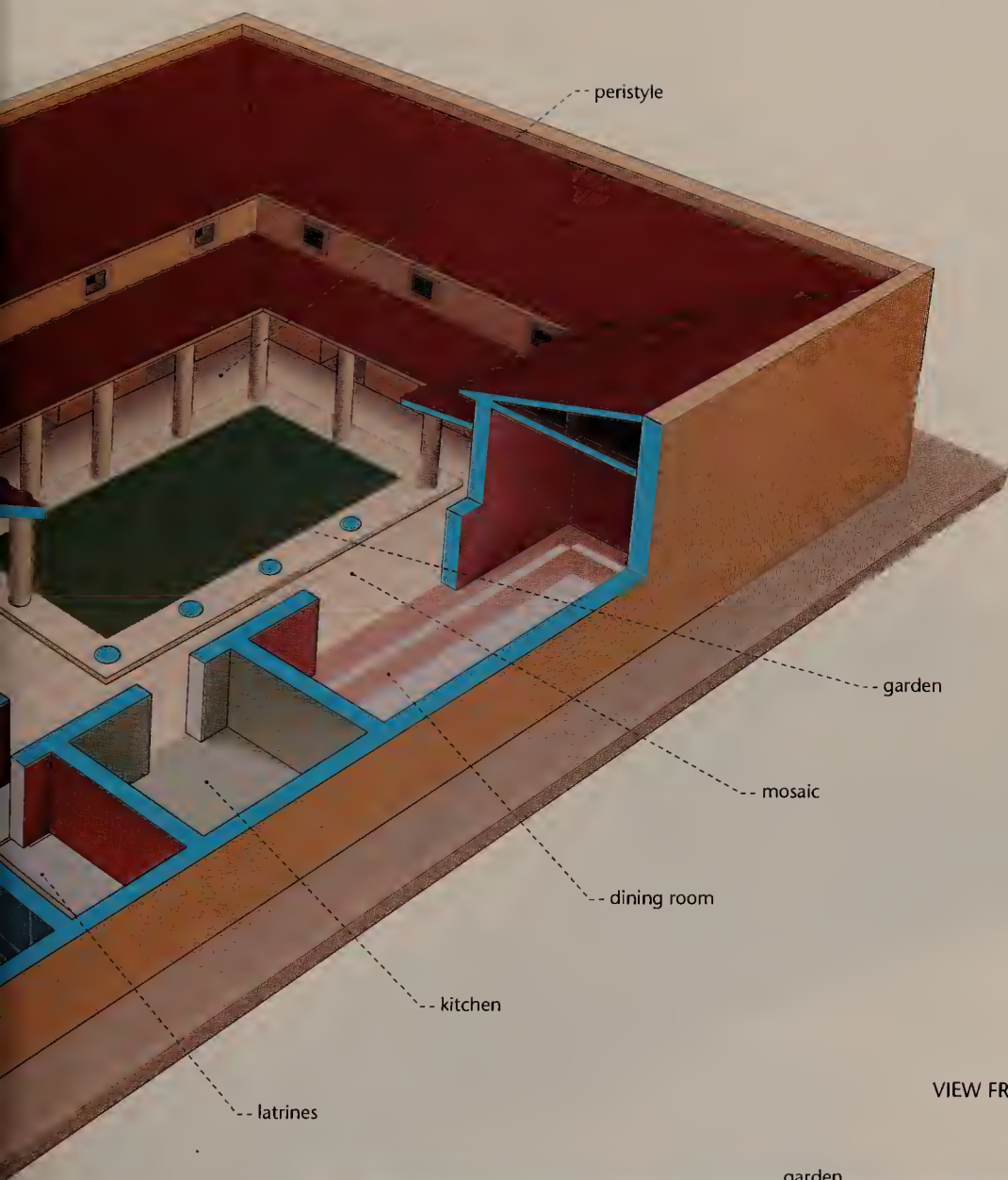


PLAN OF THE GREEK TEMPLE

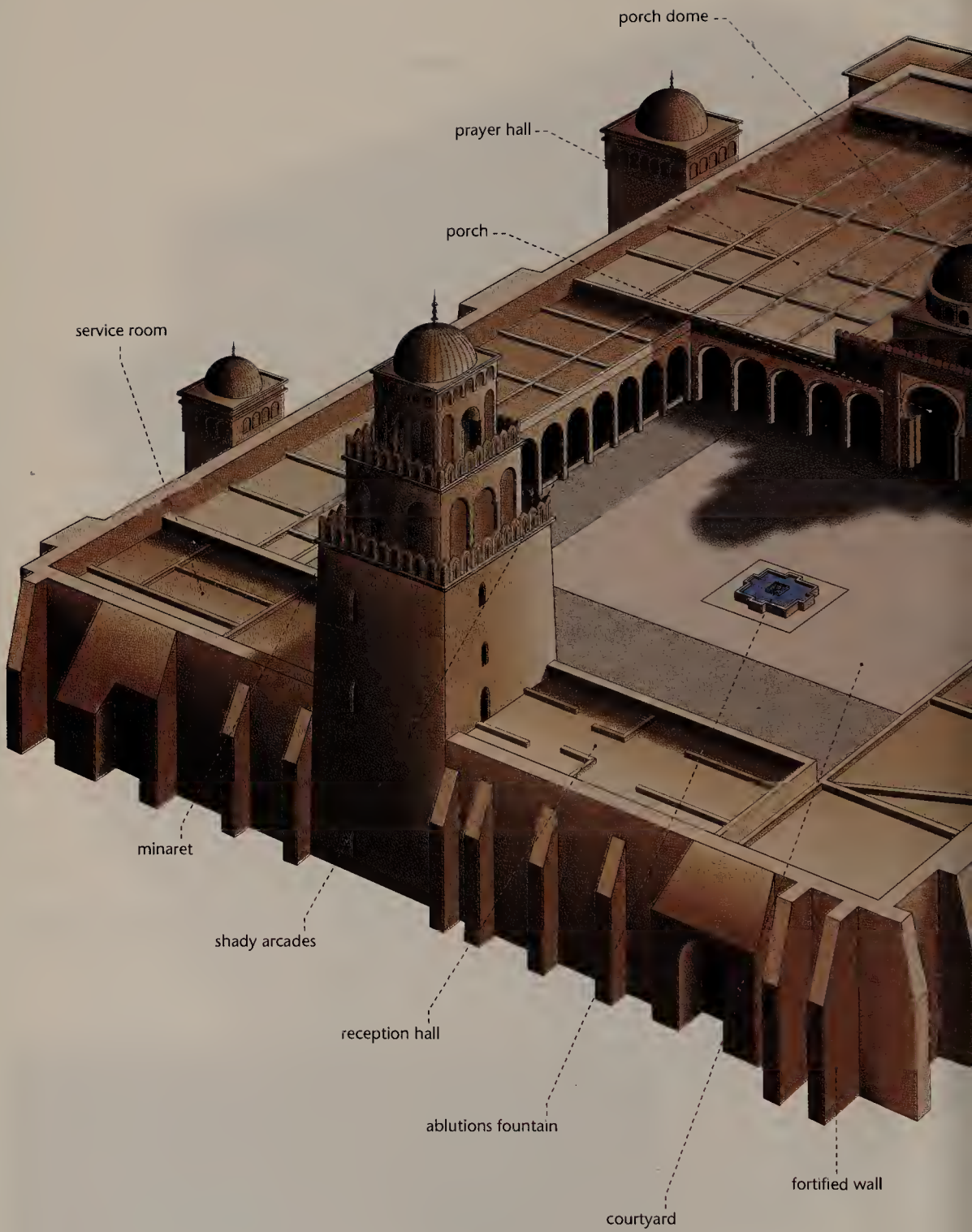


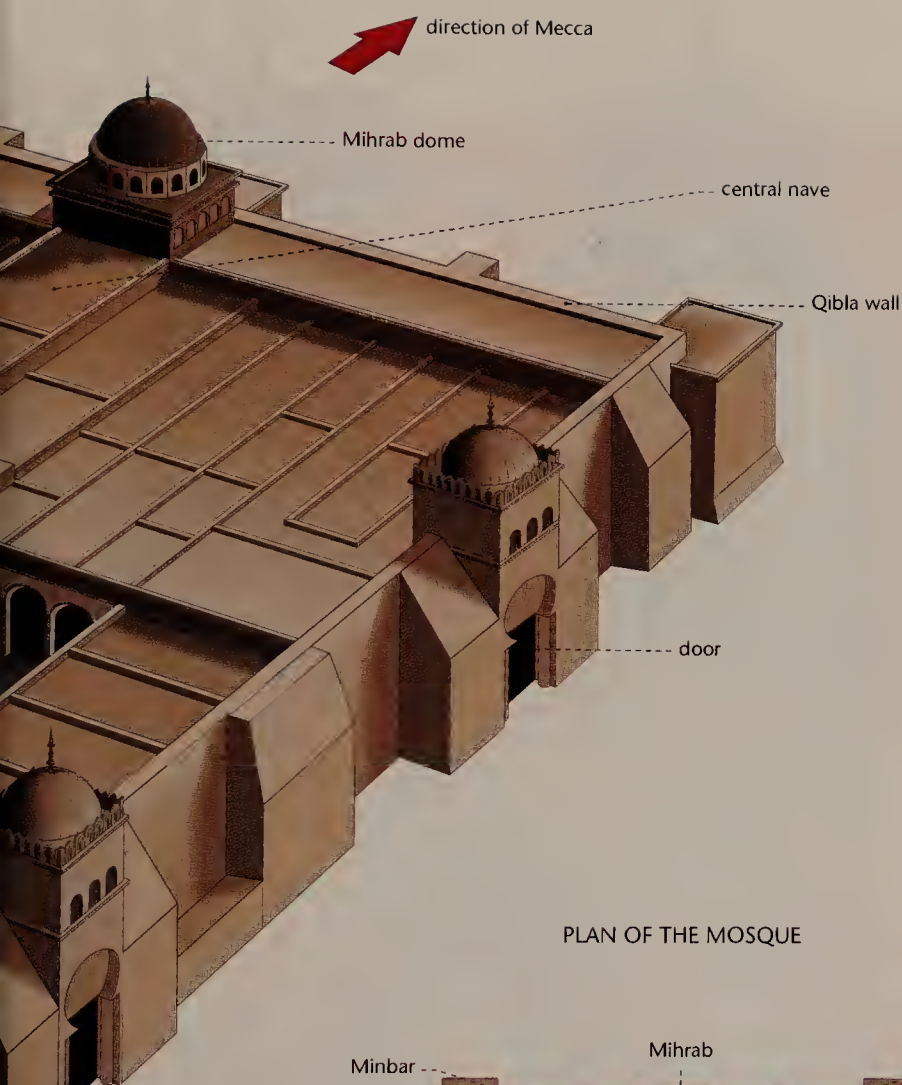
ROMAN HOUSE



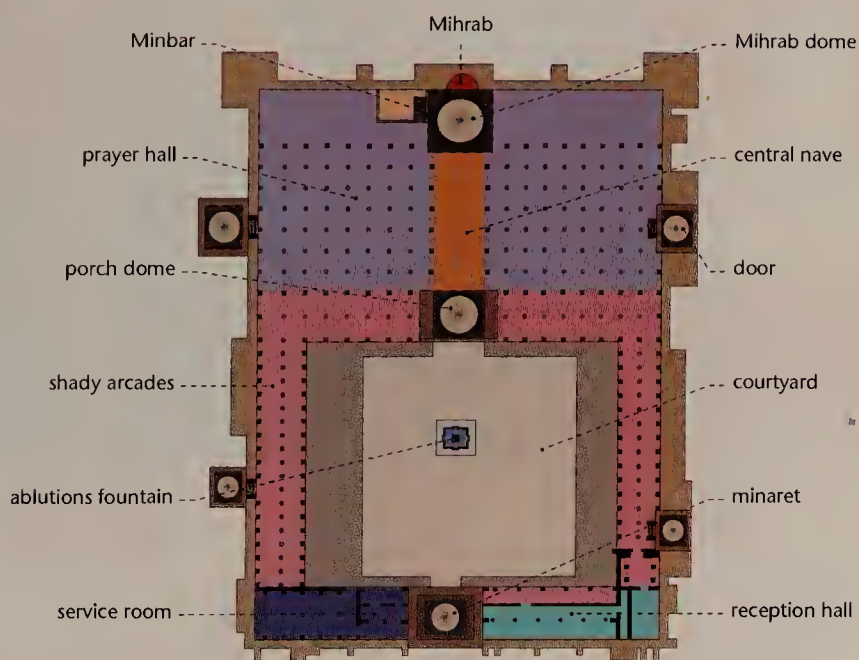


MOSQUE



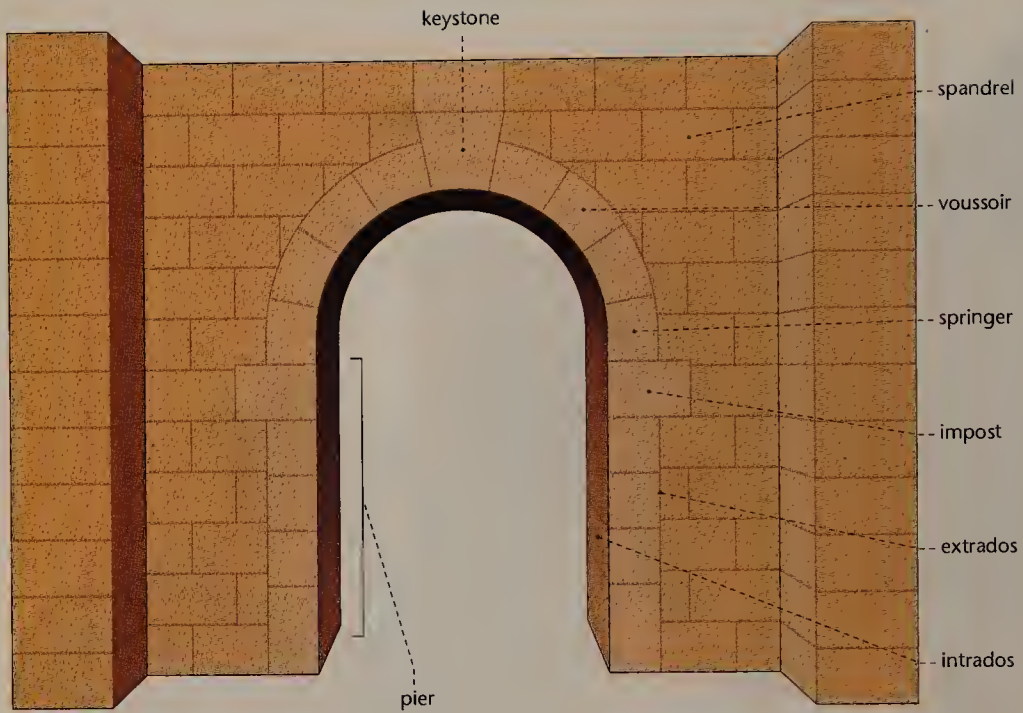


PLAN OF THE MOSQUE

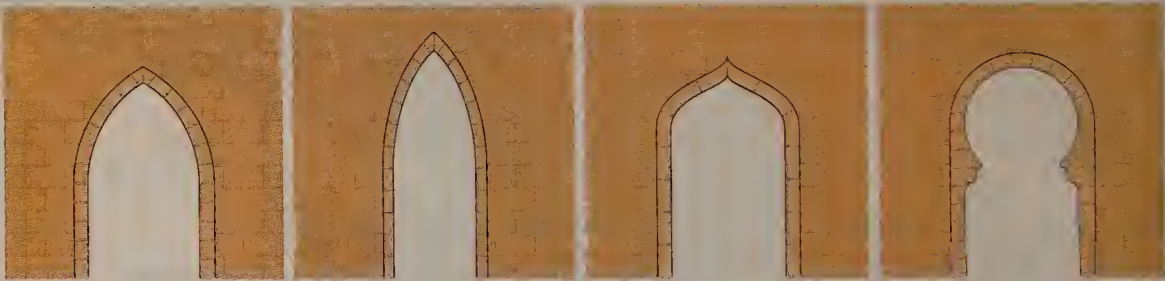


ARCH

SEMICIRCULAR ARCH



TYPES OF ARCHES



equilateral

lancet

ogee

horseshoe



basket handle

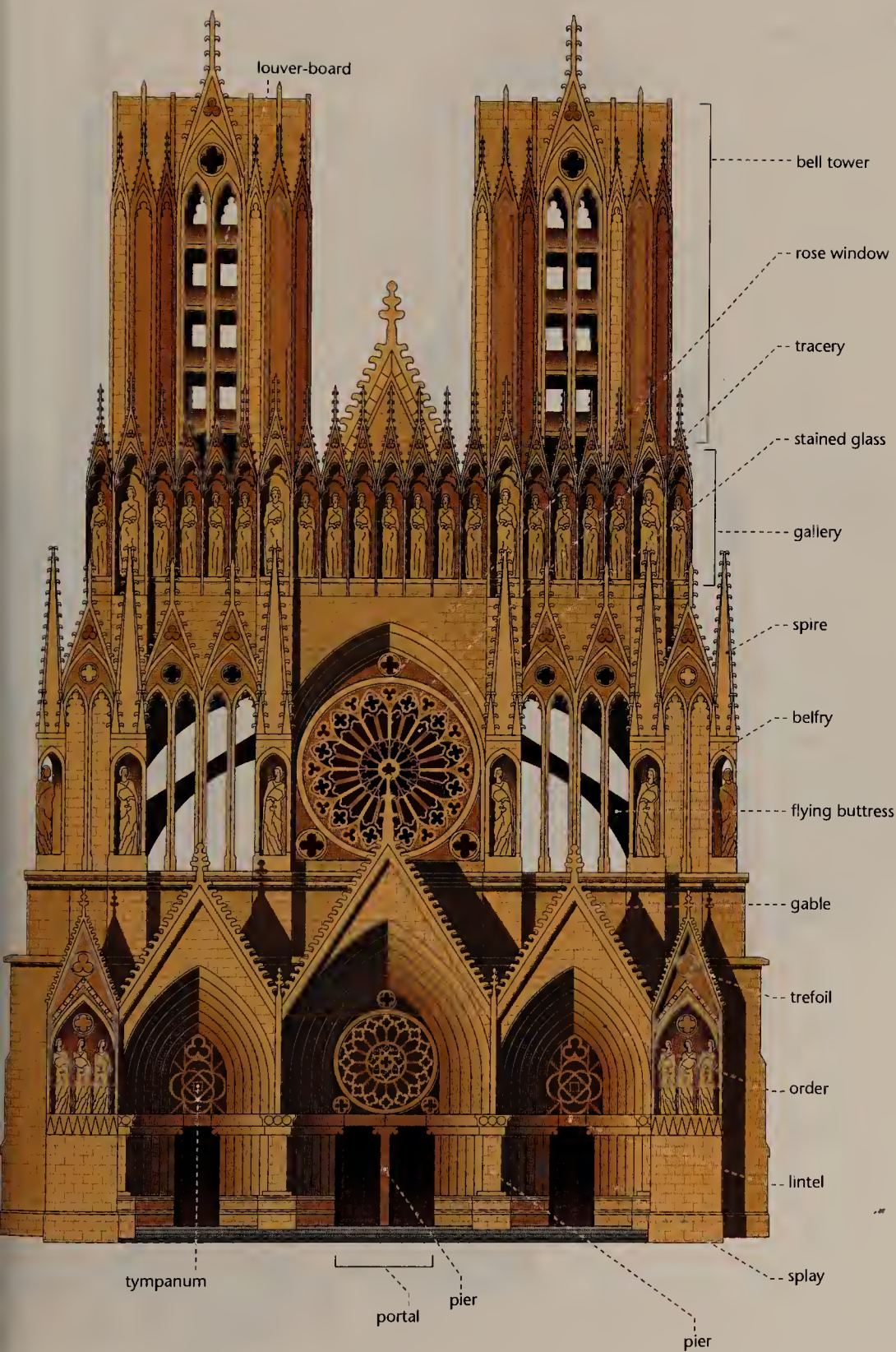
stilted

Tudor

trefoil

GOthic CATHEDRAL

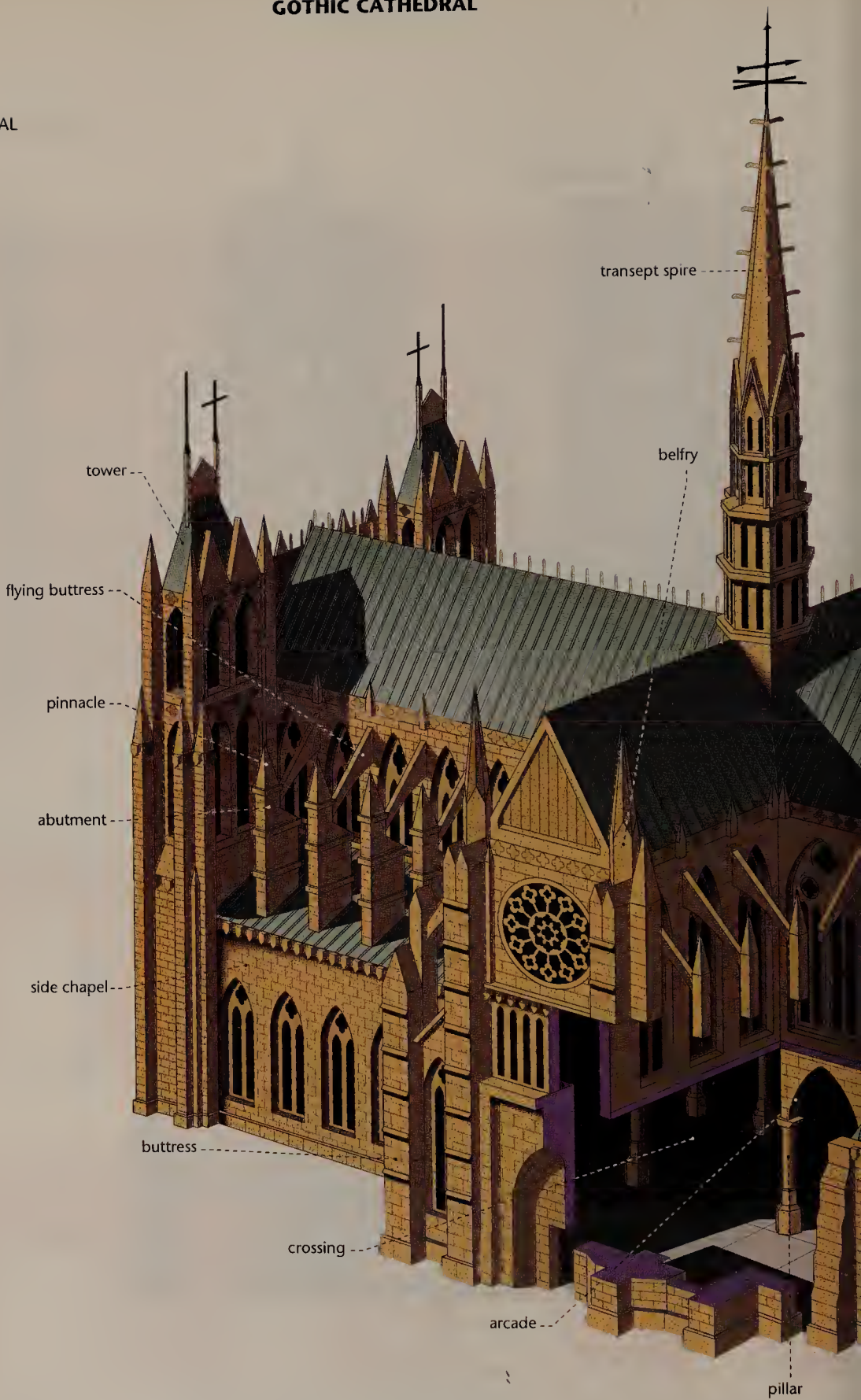
FAÇADE

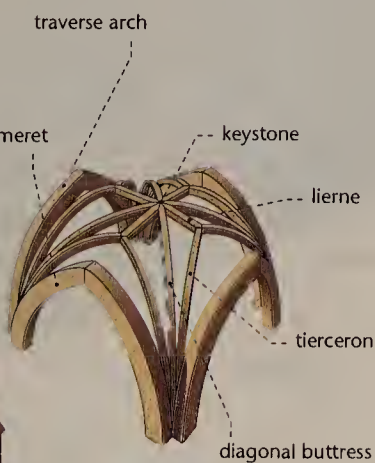
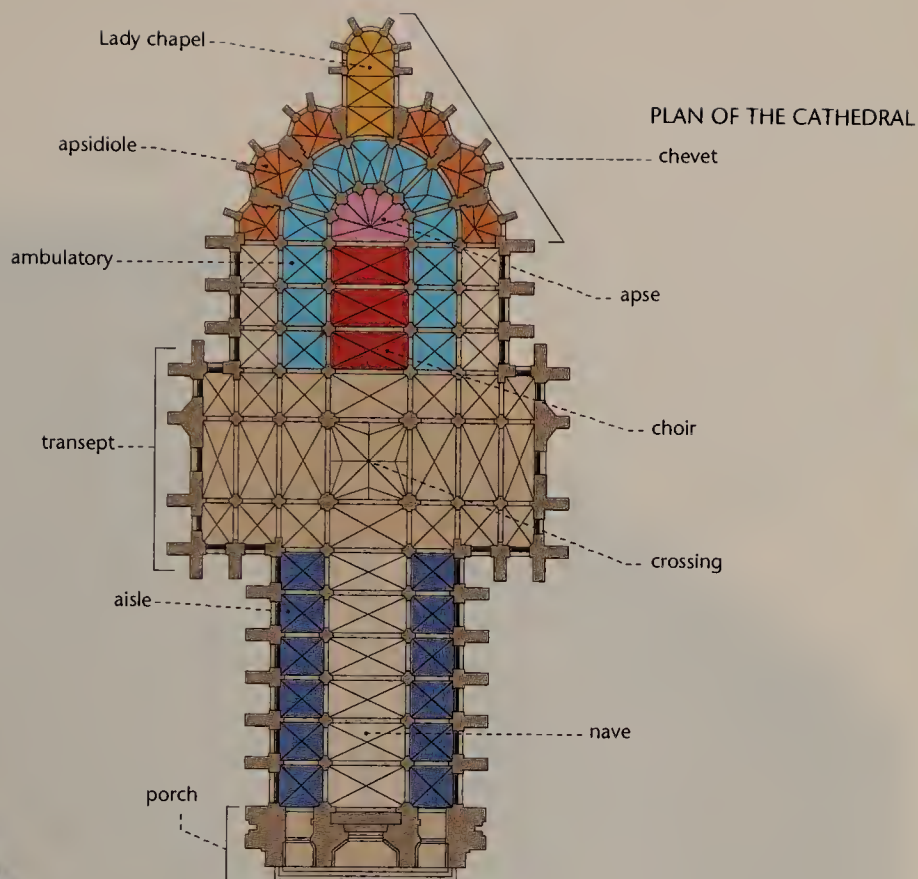


GOthic CATHEDRAL

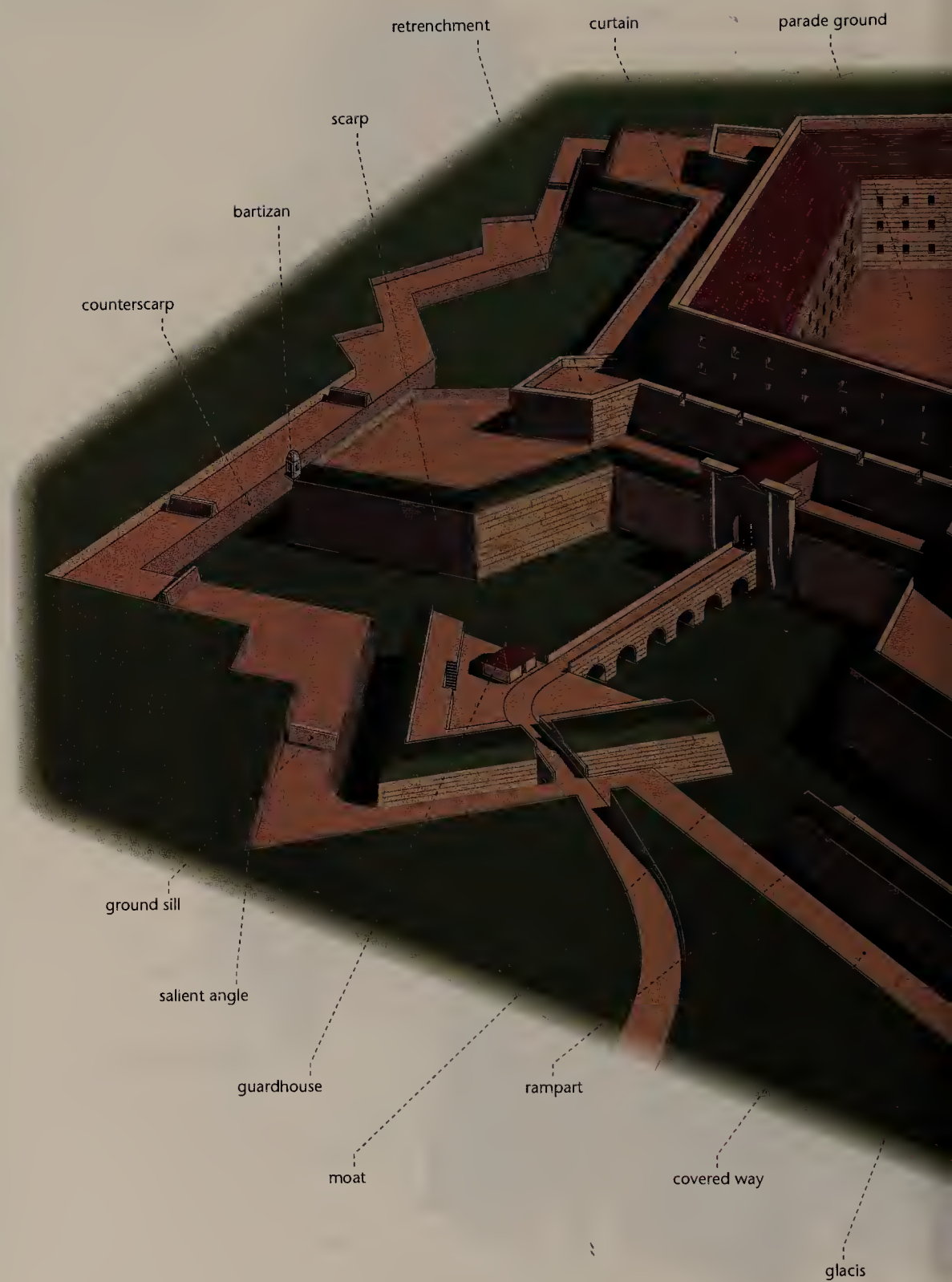
CATHEDRAL

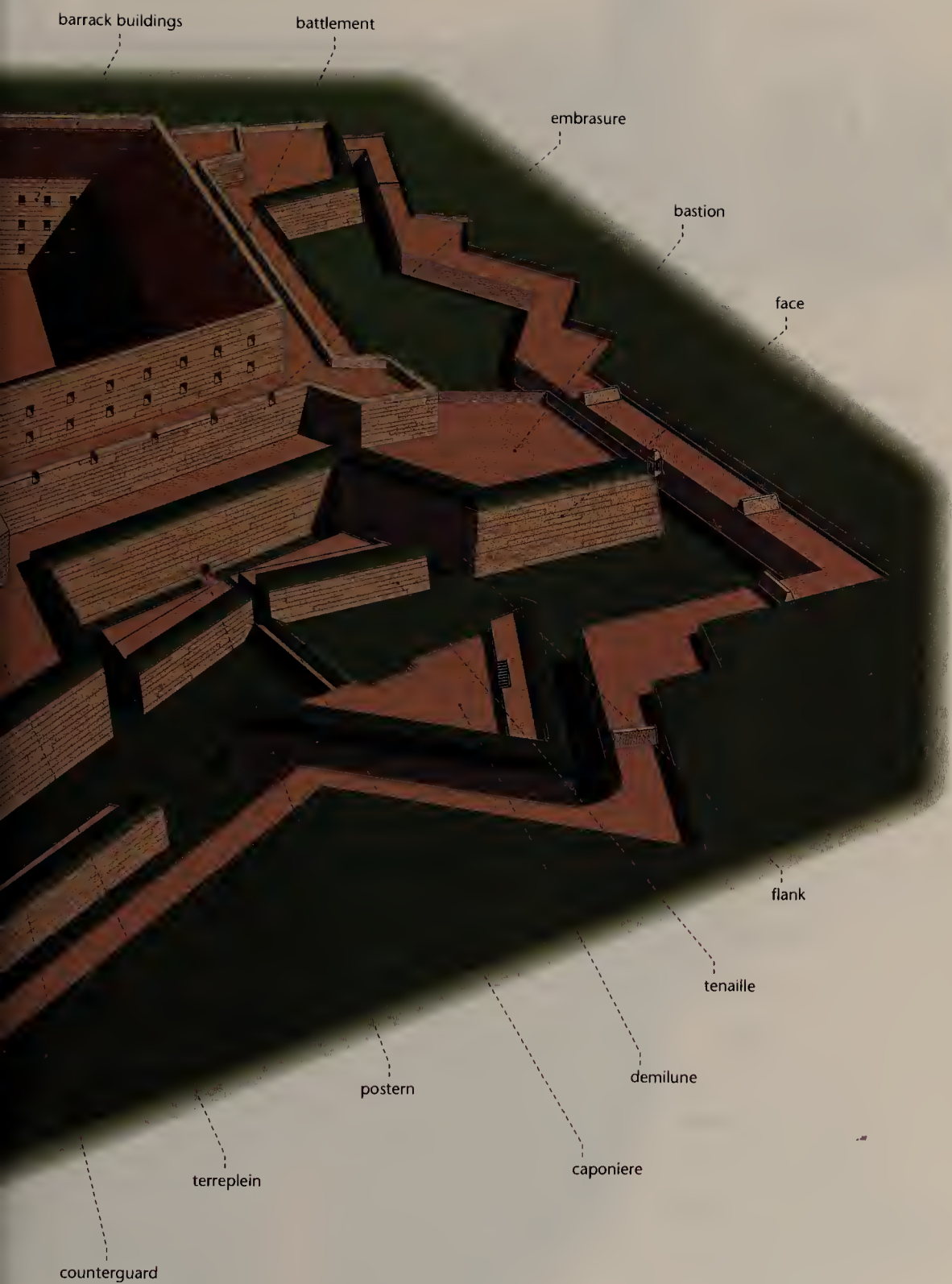
ARCHITECTURE



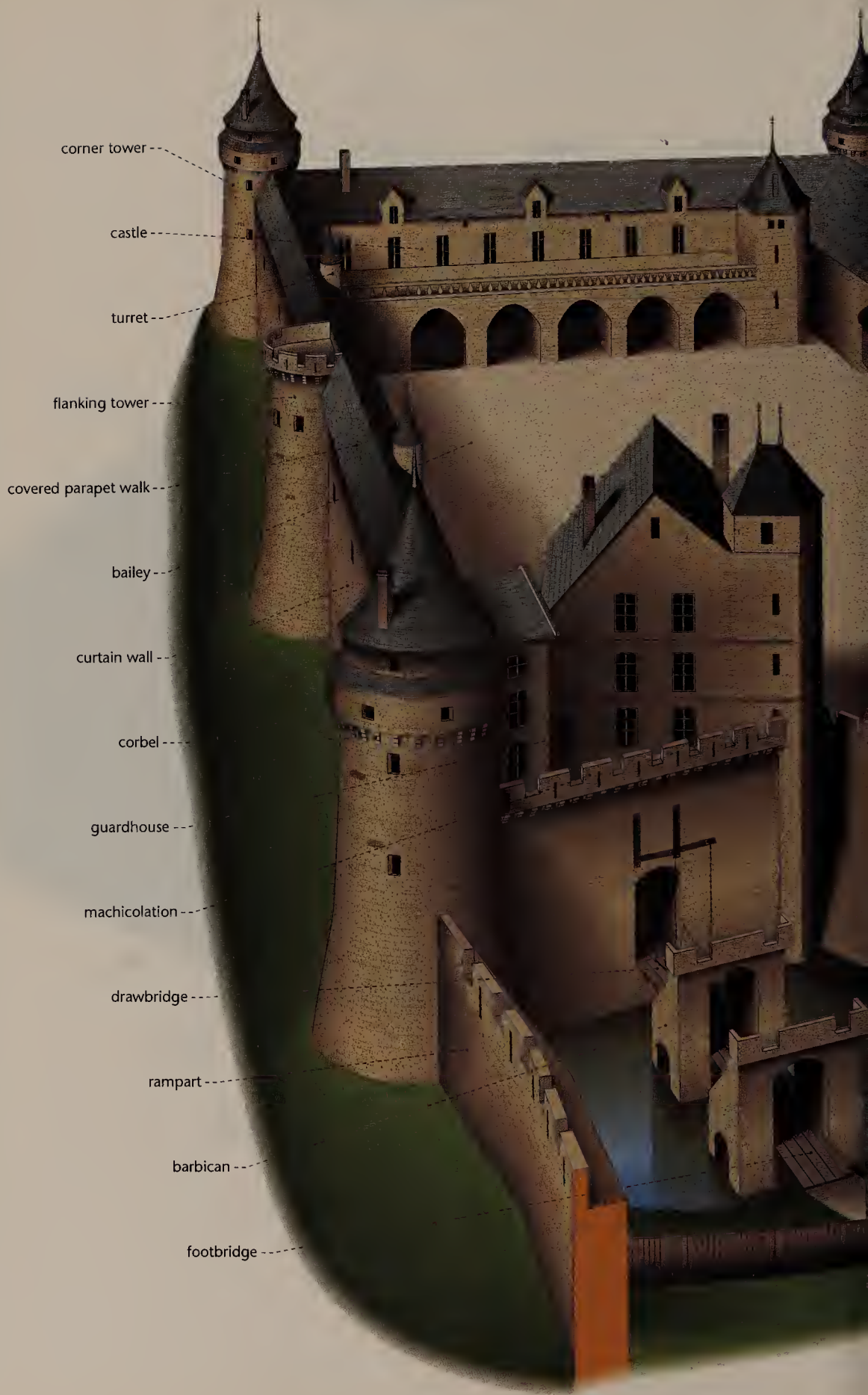


VAUBAN FORTIFICATION





CASTLE



corner tower ---

castle ---

turret ---

flanking tower ---

covered parapet walk ---

bailey ---

curtain wall ---

corbel ---

guardhouse ---

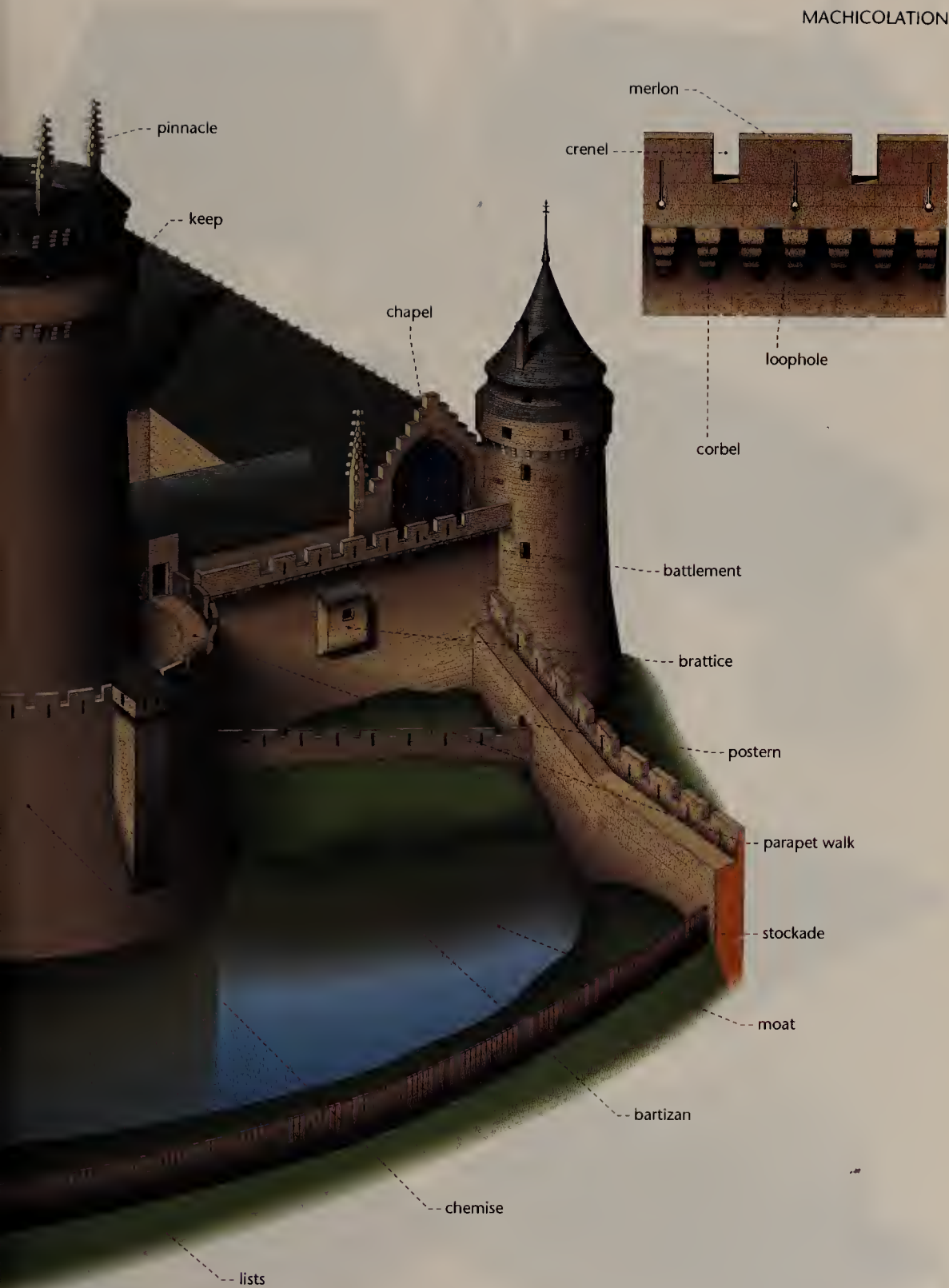
machicolation ---

drawbridge ---

rampart ---

barbican ---

footbridge ---



ROOFS



pitched roof



gable roof



hip roof



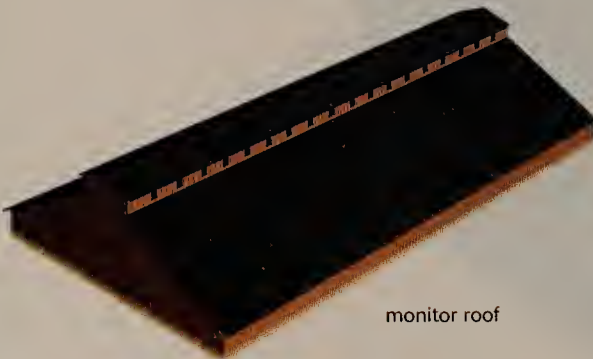
lean-to roof



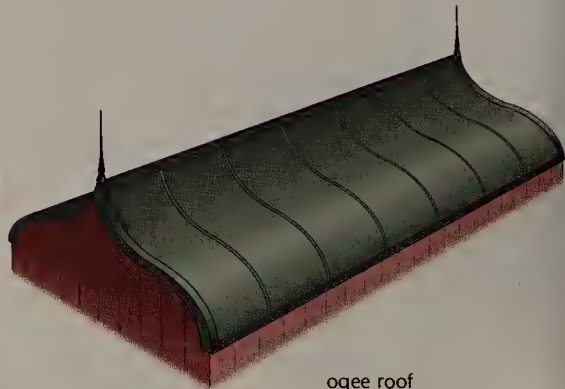
flat roof



sawtooth roof



monitor roof



ogee roof



bell roof



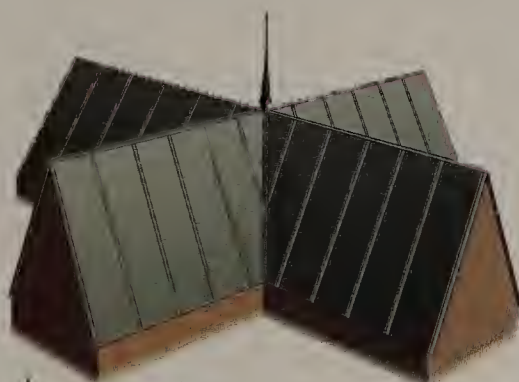
dome roof



helm roof



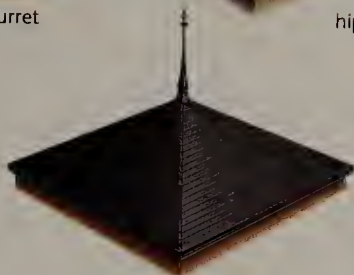
sloped turret



hip-and-valley roof



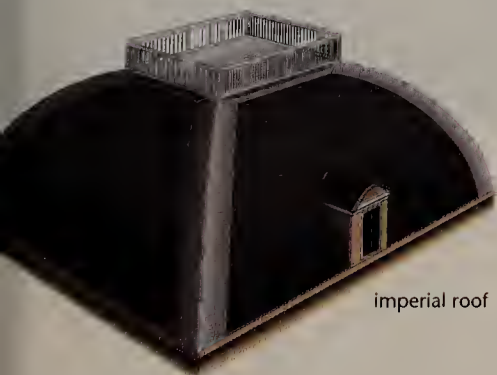
conical broach roof



pavilion roof



rotunda roof



imperial roof



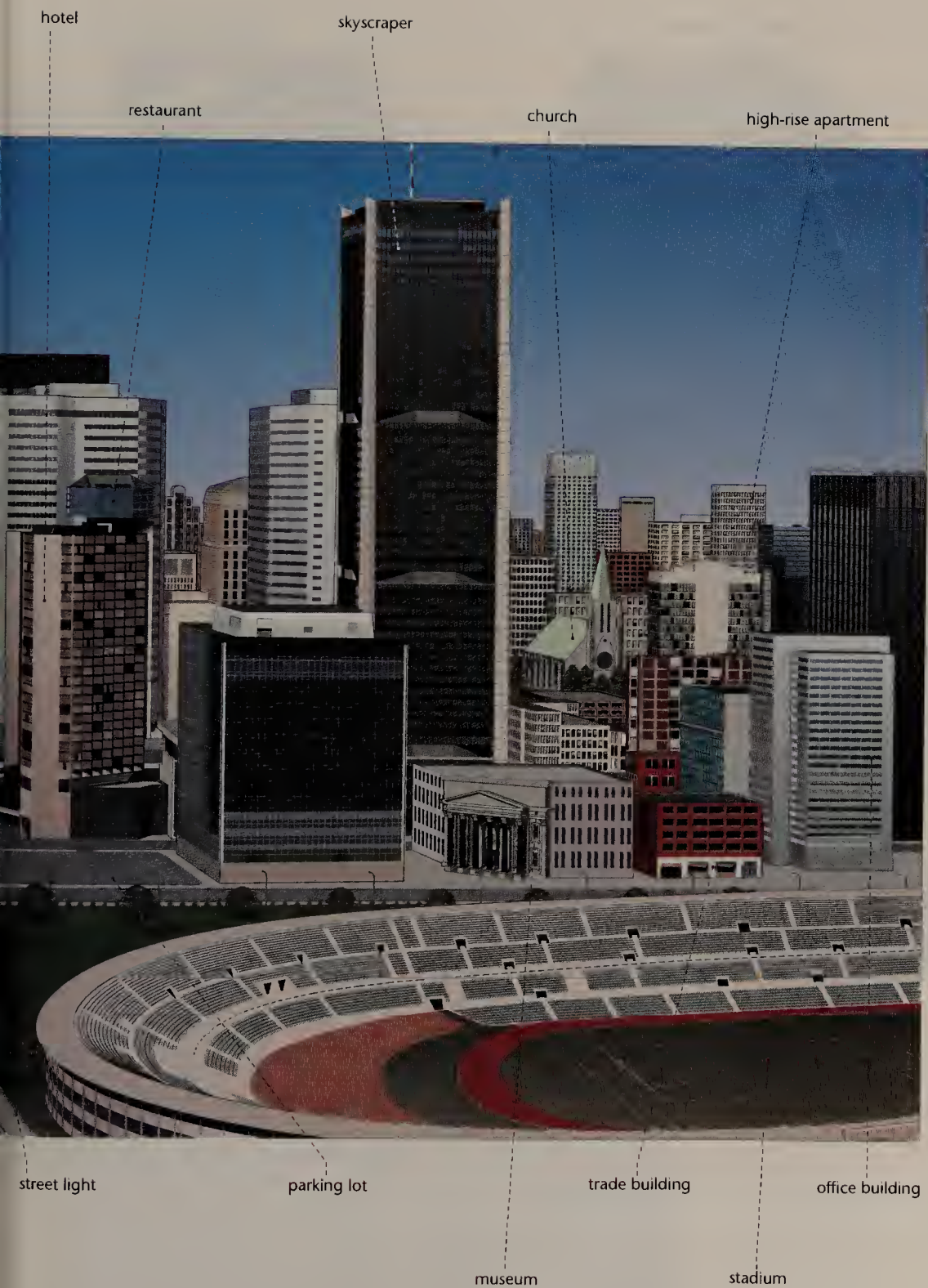
mansard roof

DOWNTOWN

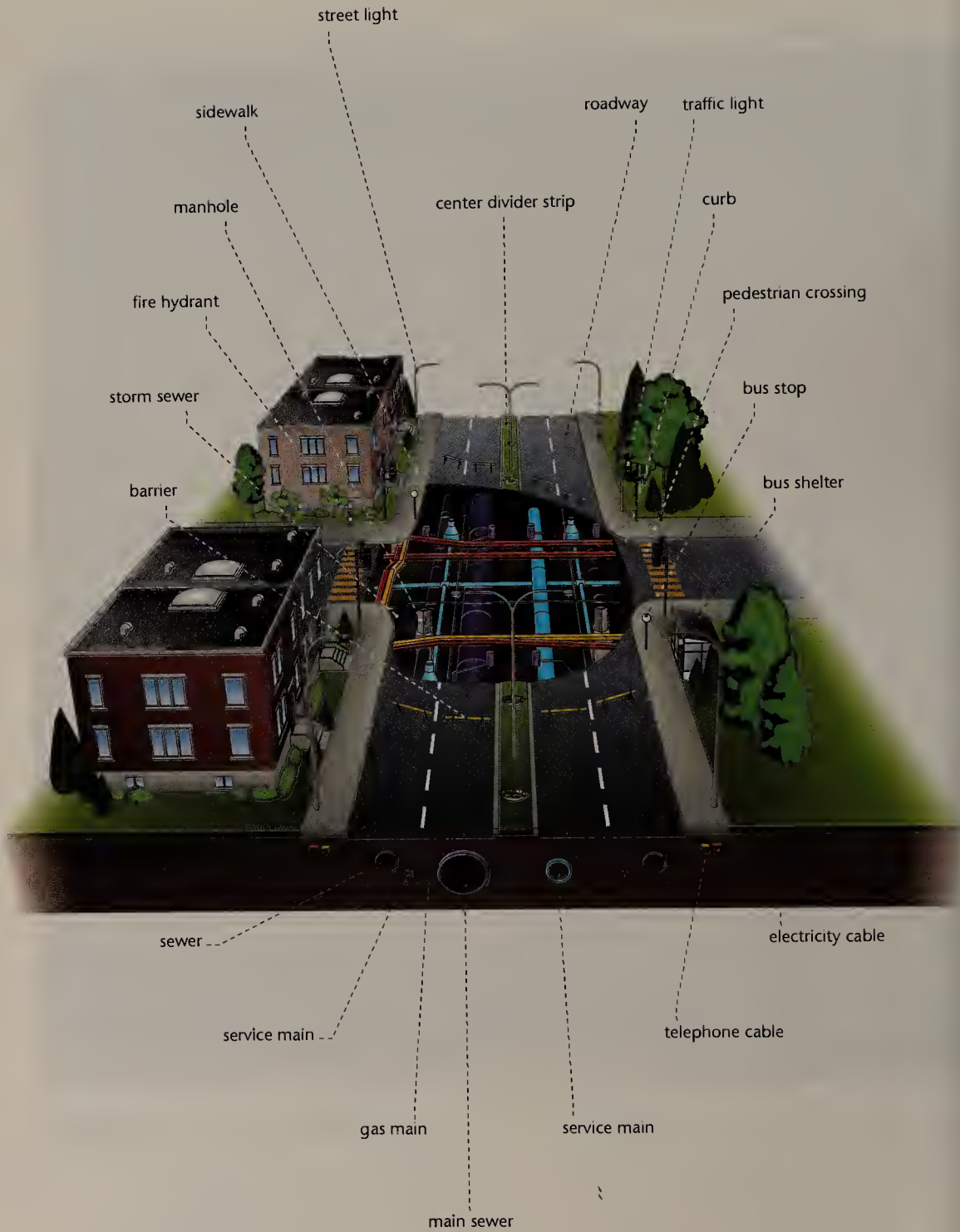
square park convention center office tower cathedral passenger station median strip



planetarium railroad traffic island boulevard street delivery ramp freeway



CROSS SECTION OF A STREET



CITY HOUSES

cottage



single-family home



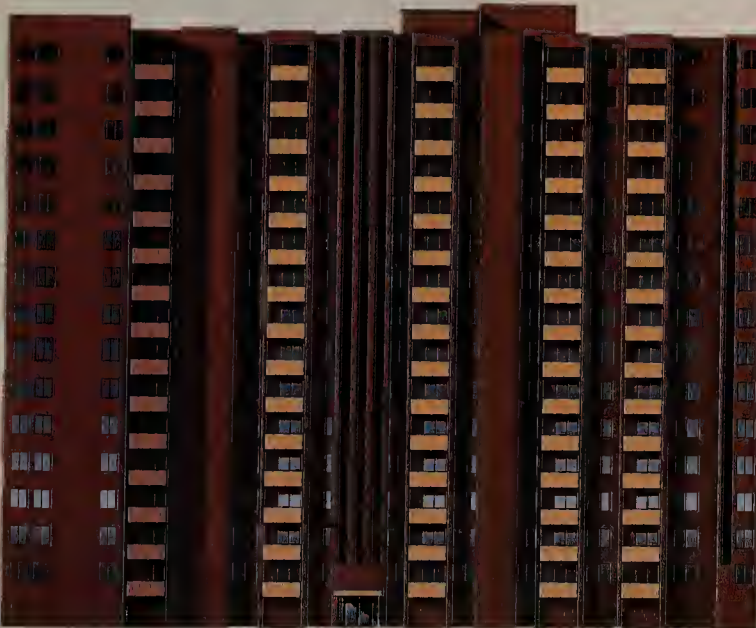
apartment building



semi-detached cottage

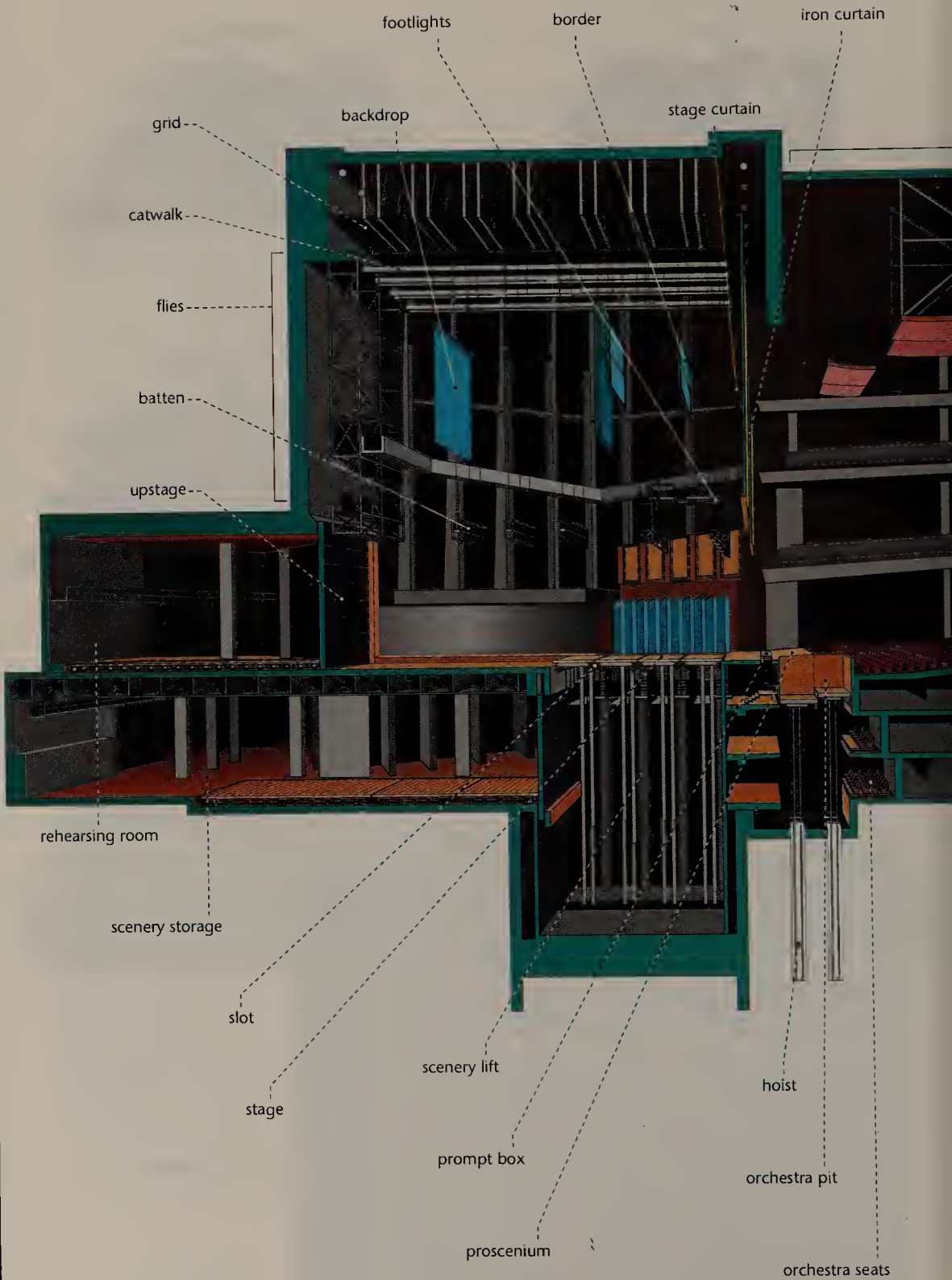


town houses



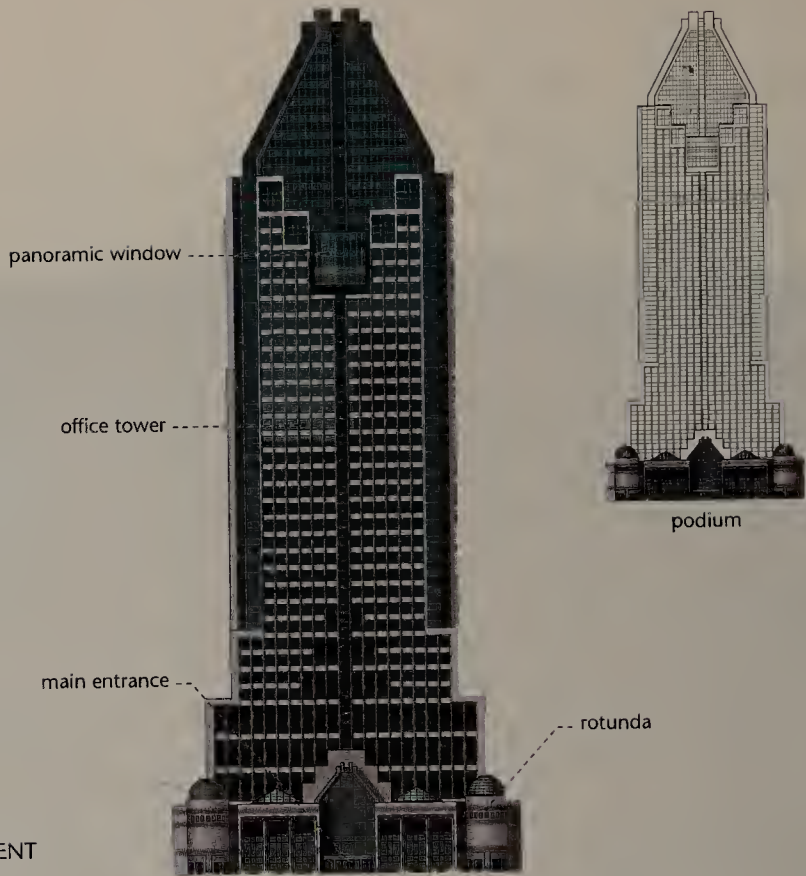
high-rise apartment

THEATER

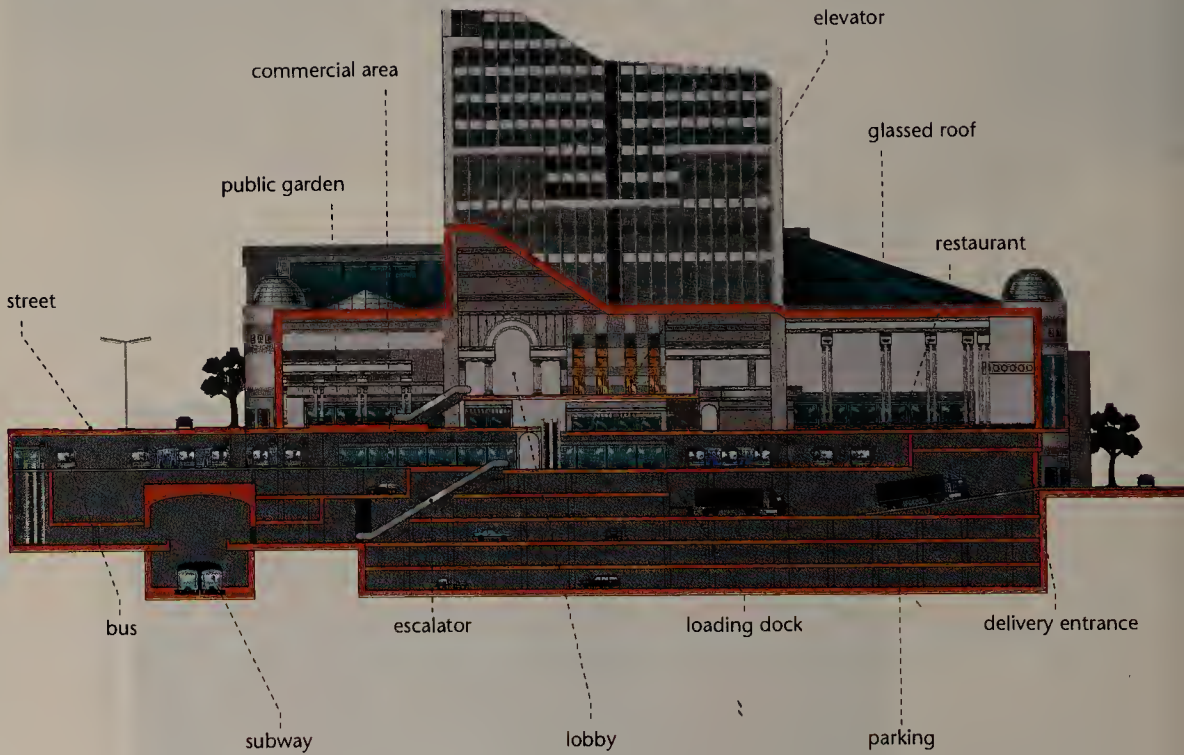


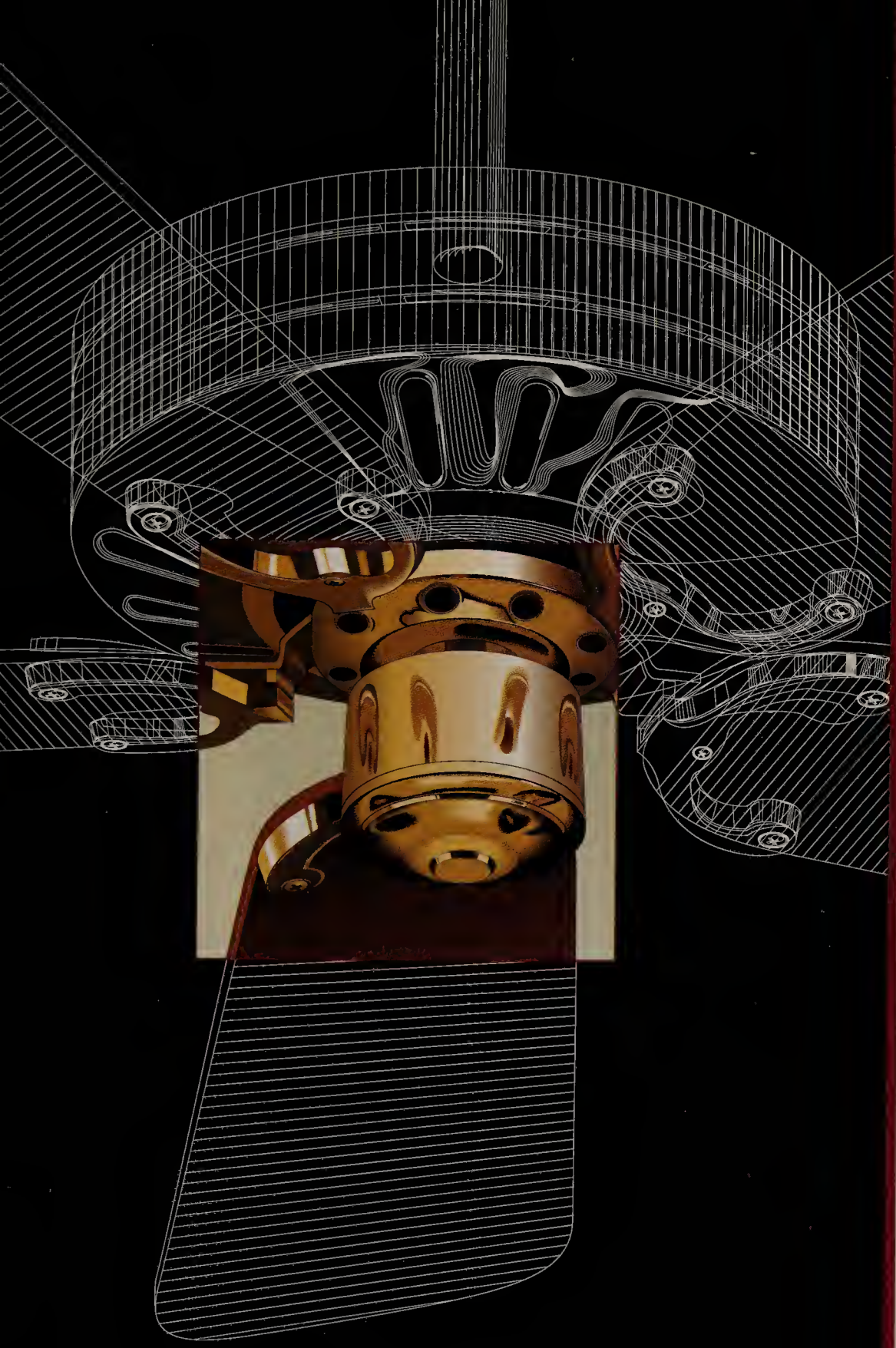


OFFICE BUILDING



PODIUM AND BASEMENT





CONTENTS

BLUEPRINT READING	193
EXTERIOR OF A HOUSE	196
STRUCTURE OF A HOUSE	198
WOOD FLOORING.....	200
STAIRS	201
DOOR.....	202
WINDOW.....	203
HEATING.....	204
AIR CONDITIONING	214
PLUMBING SYSTEM	215
SEPTIC TANK.....	216
PEDESTAL-TYPE SUMP PUMP	216



ELEVATION



SITE PLAN

MEZZANINE FLOOR

stairwell

master bedroom

window

bedroom

folding door

SECOND FLOOR

landing

skylight

bathroom

shower

bathtub

master bedroom

laundry room

FIRST FLOOR

stairs

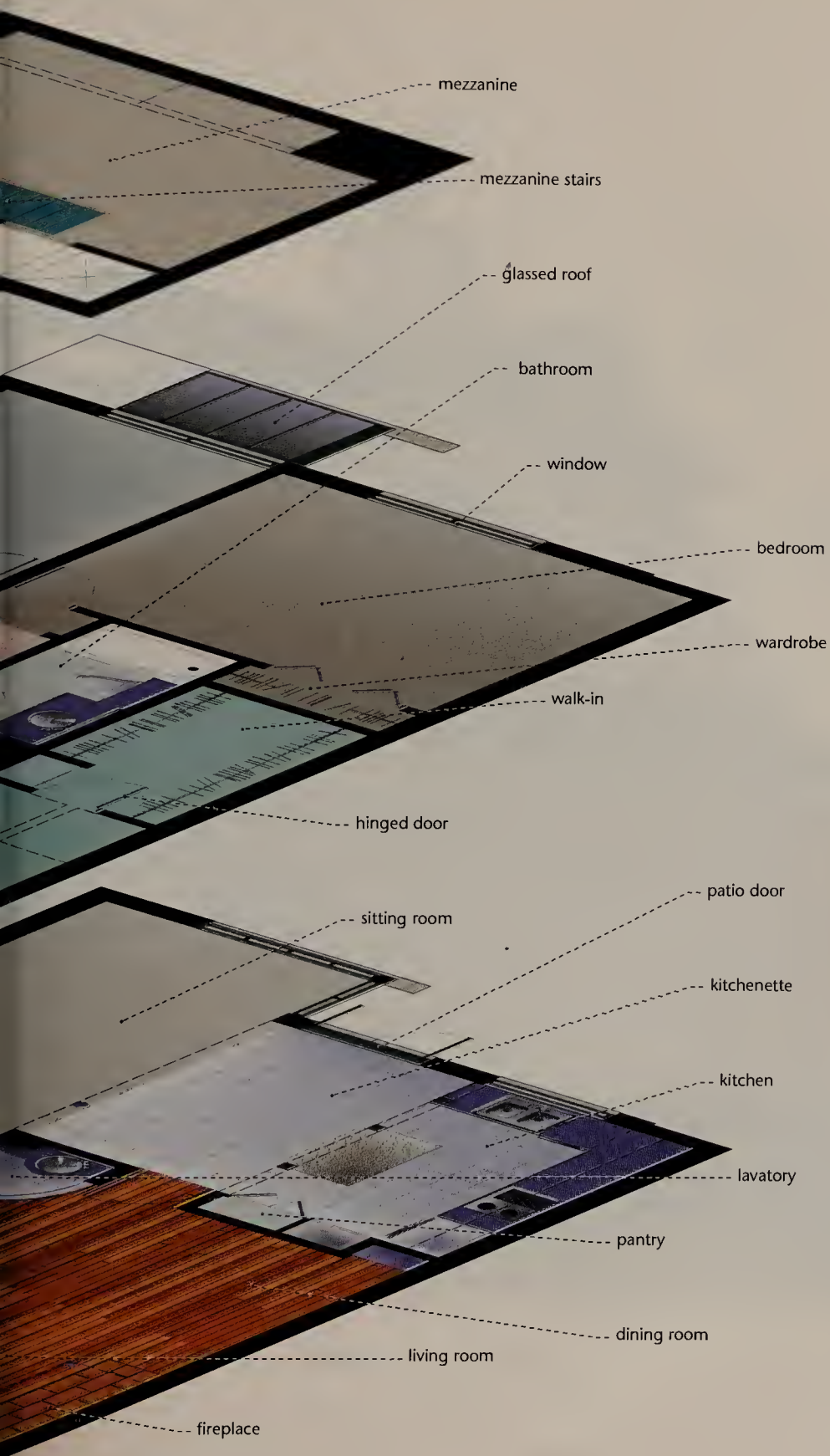
balustrade

hallway

closet

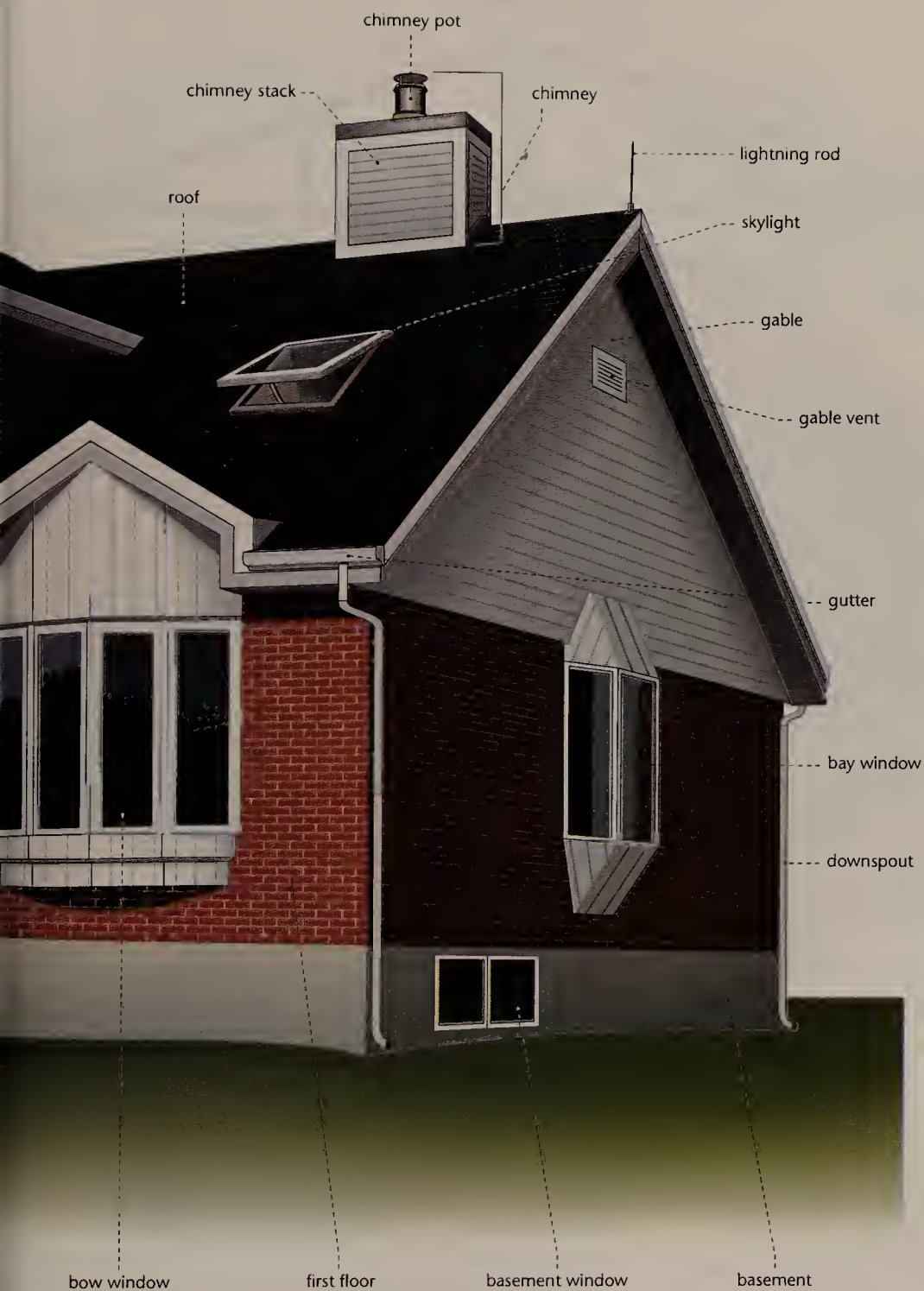
hall

main entrance



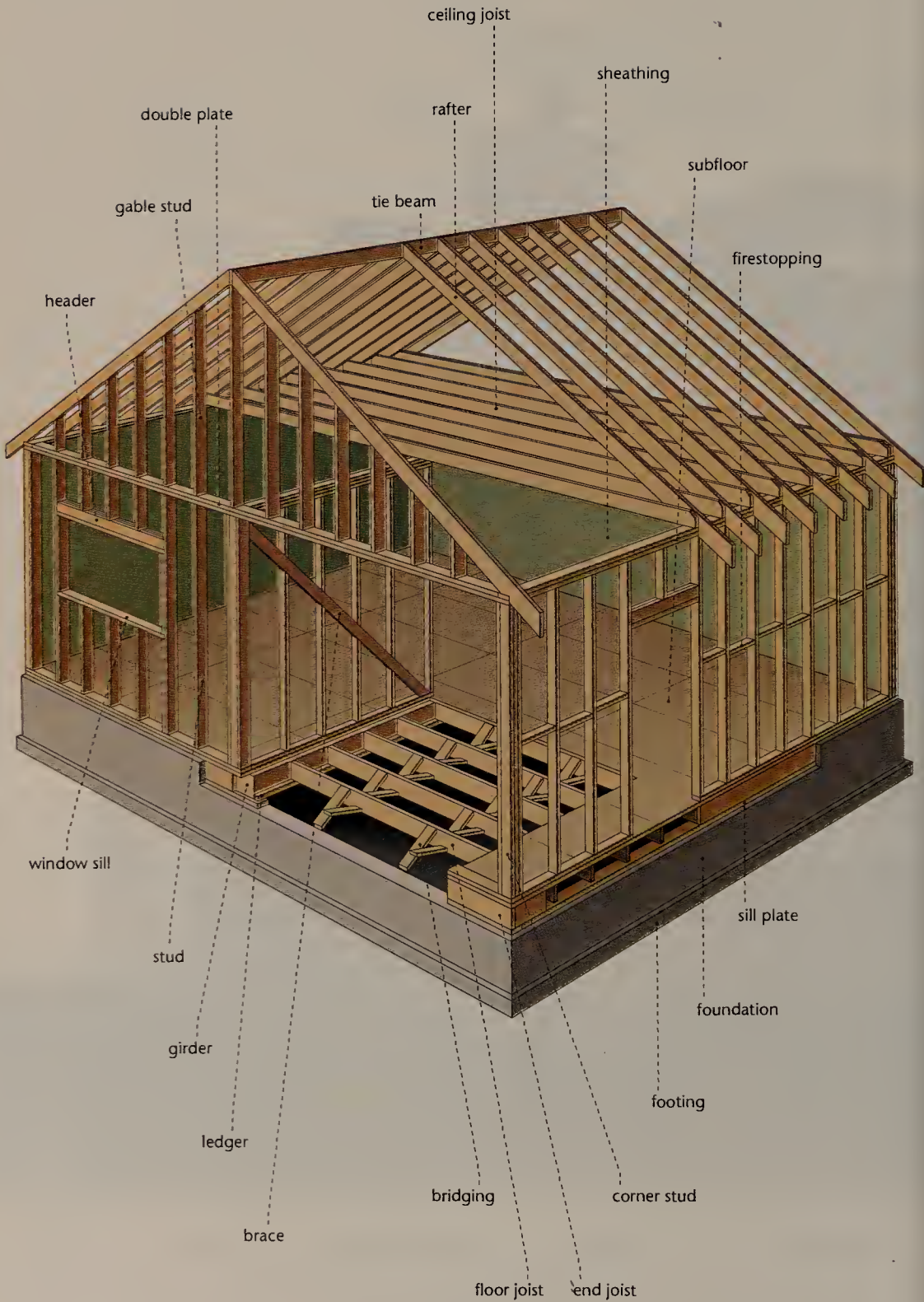
EXTERIOR OF A HOUSE



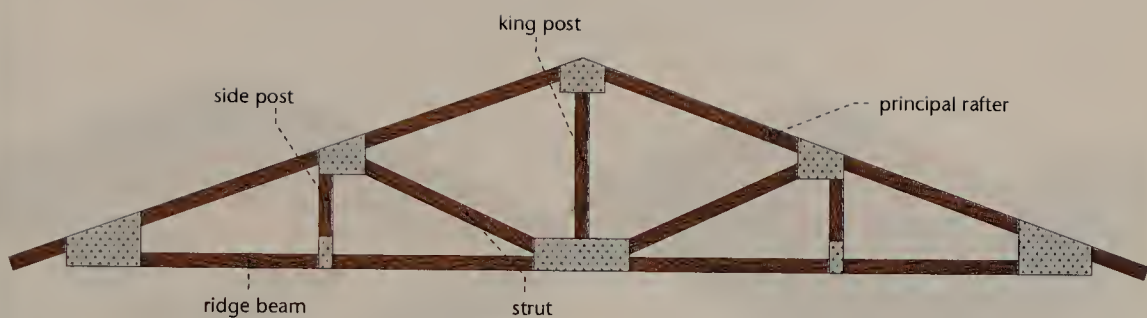


HOUSE

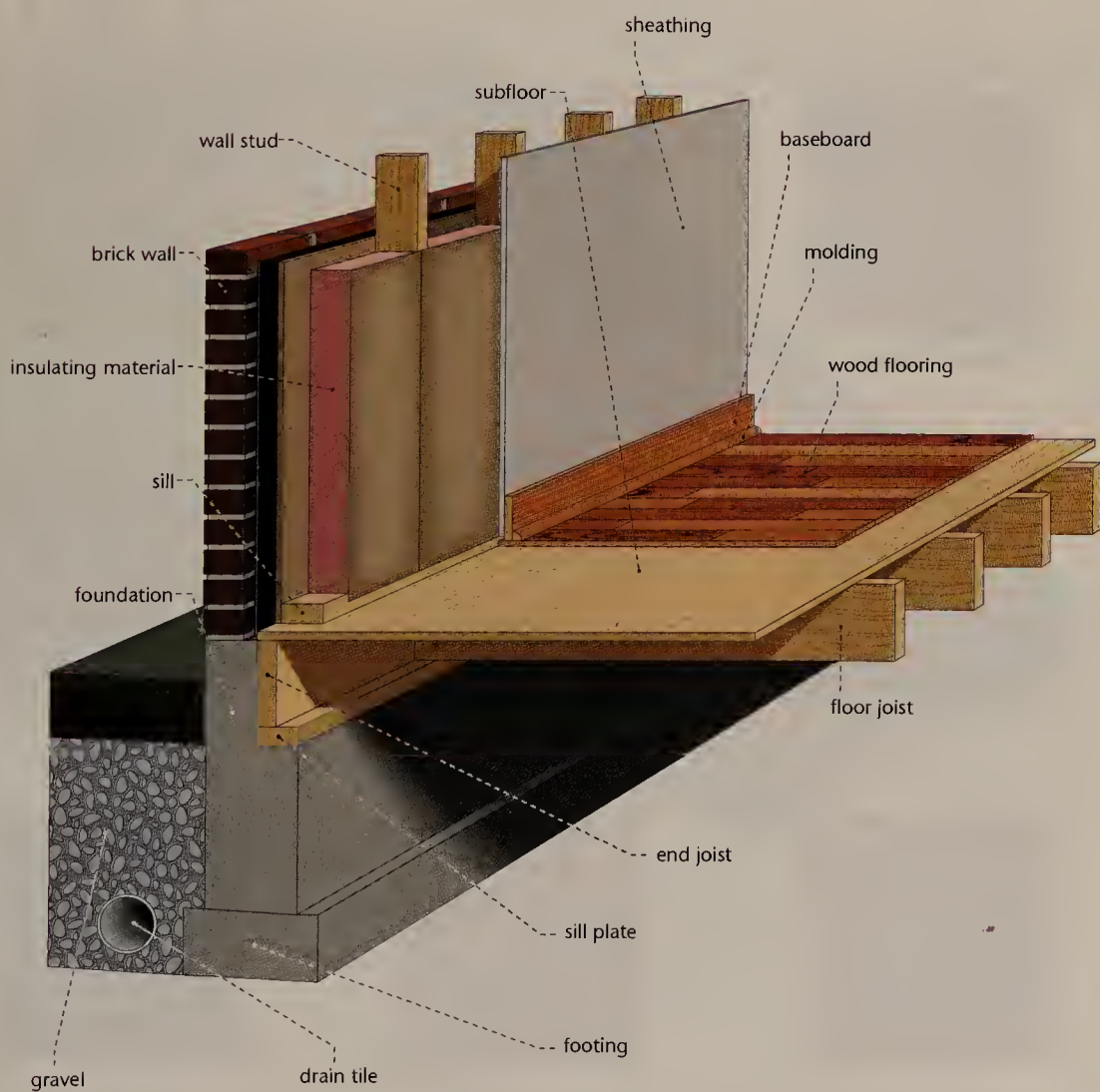
98



ROOF TRUSS

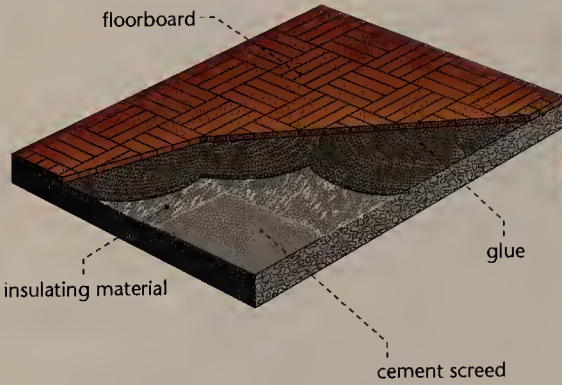


FOUNDATIONS

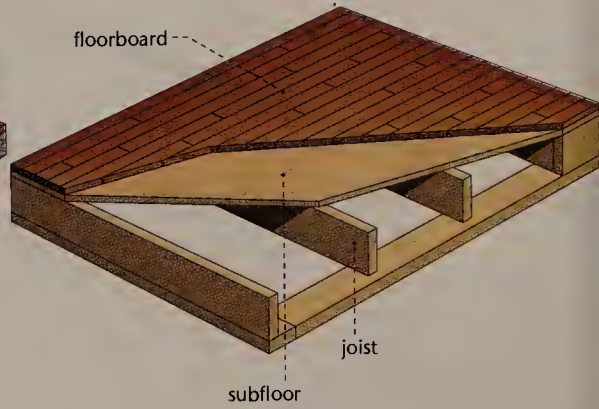


WOOD FLOORING

WOOD FLOORING ON CEMENT SCREED



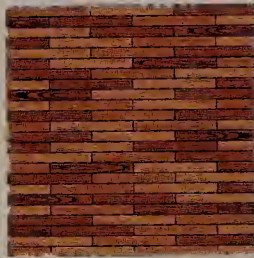
WOOD FLOORING ON WOODEN STRUCTURE



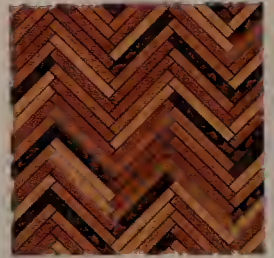
WOOD FLOORING ARRANGEMENTS



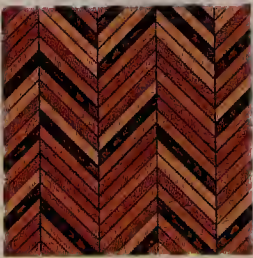
overlay flooring



strip flooring with alternate joints



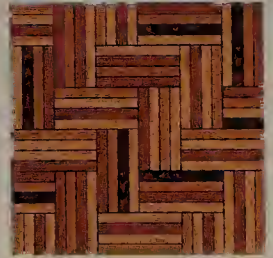
herringbone parquet



herringbone pattern



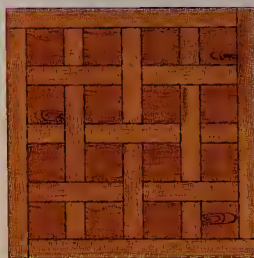
inlaid parquet



basket weave pattern



Arenberg parquet



Chantilly parquet



Versailles parquet

STAIRS



DOOR

EXTERIOR DOOR



TYPES OF DOORS



conventional door



sliding folding door



folding door



sliding door

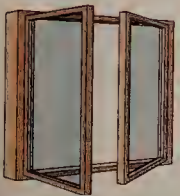
WINDOW

STRUCTURE

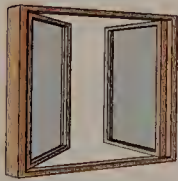


HOUSE

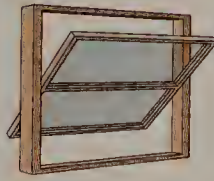
TYPES OF WINDOWS



French window



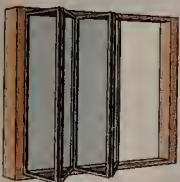
casement window



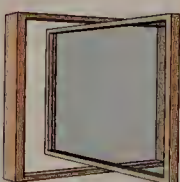
horizontal pivoting window



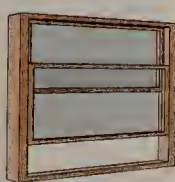
sliding window



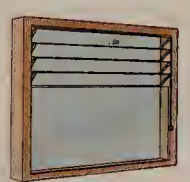
sliding folding window



vertical pivoting window



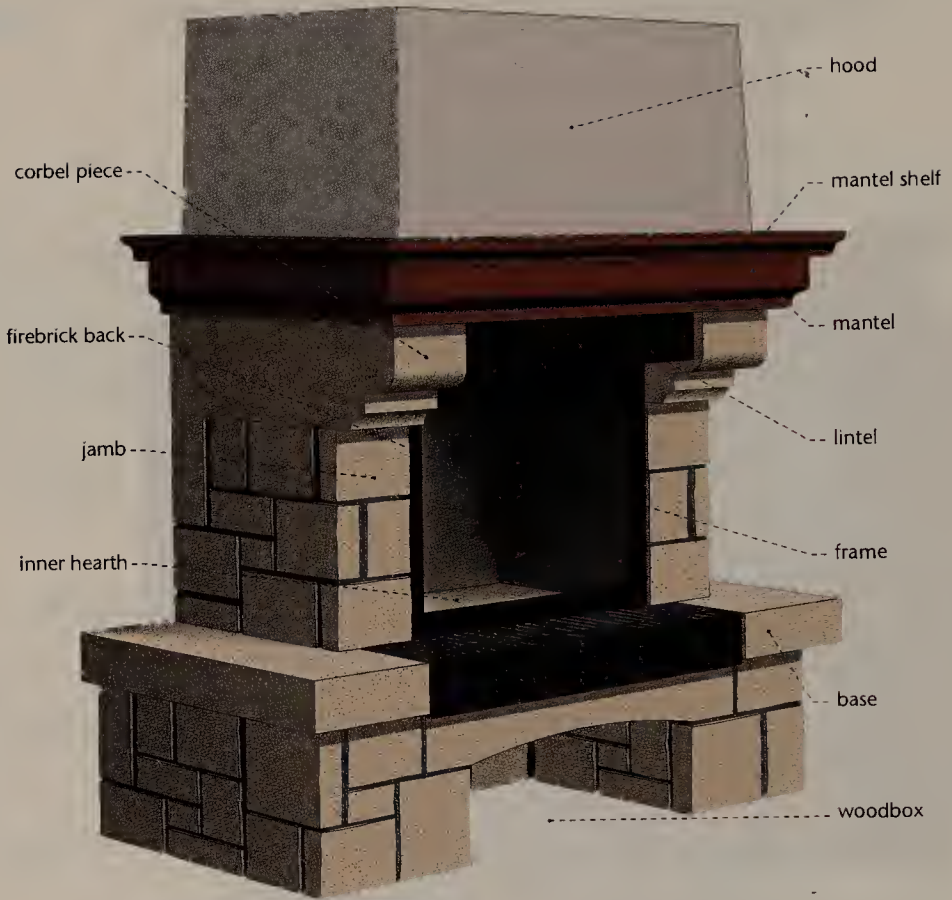
sash window



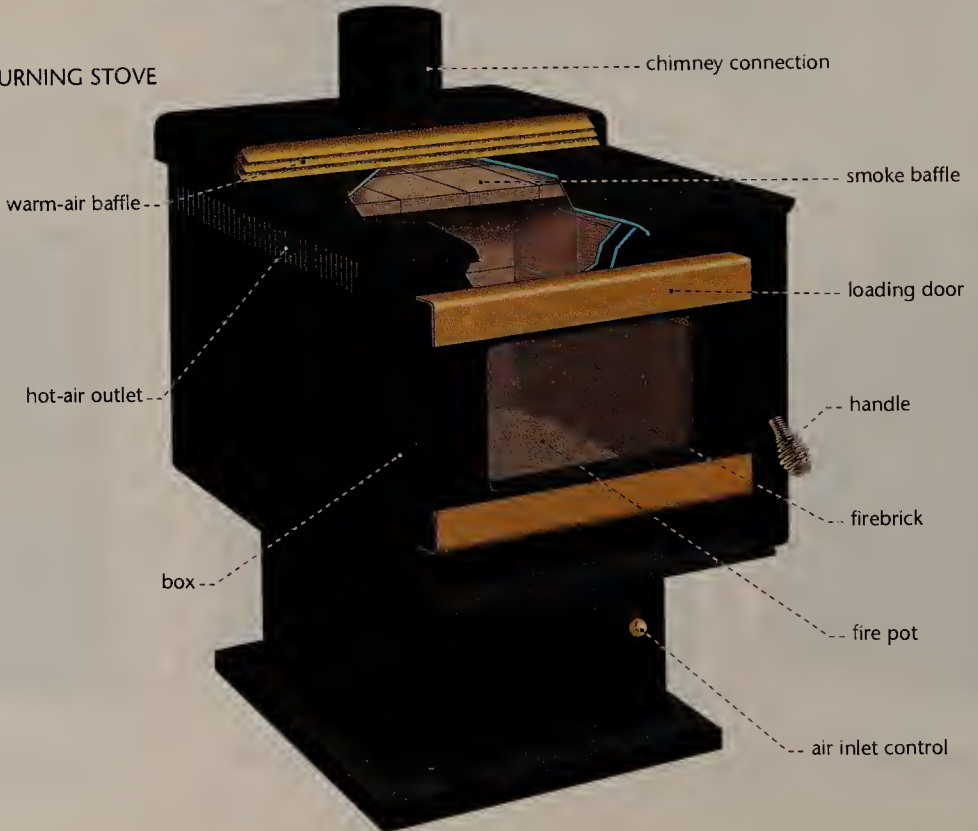
louvered window

HEATING

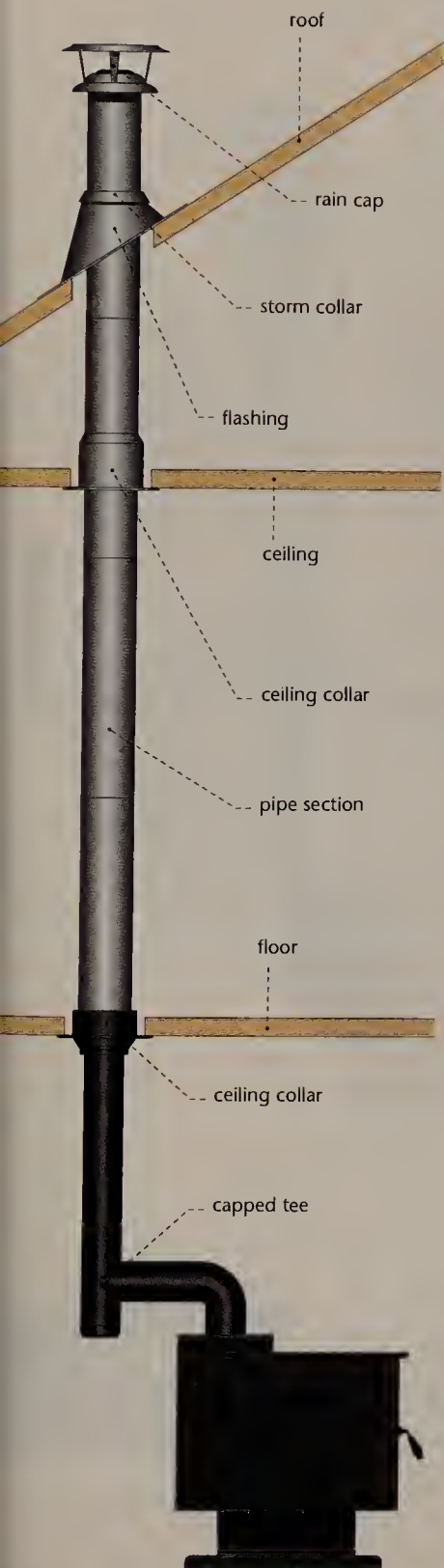
FIREPLACE



SLOW-BURNING STOVE



CHIMNEY



FIRE IRONS



log tongs



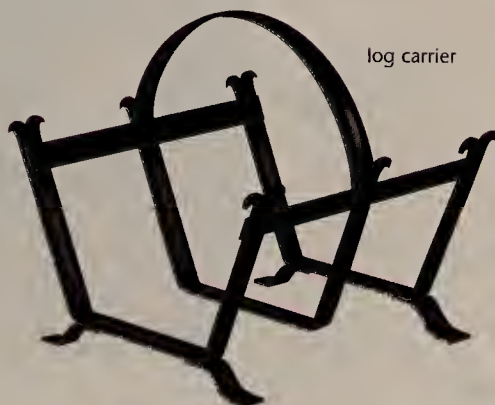
broom



poker



shovel



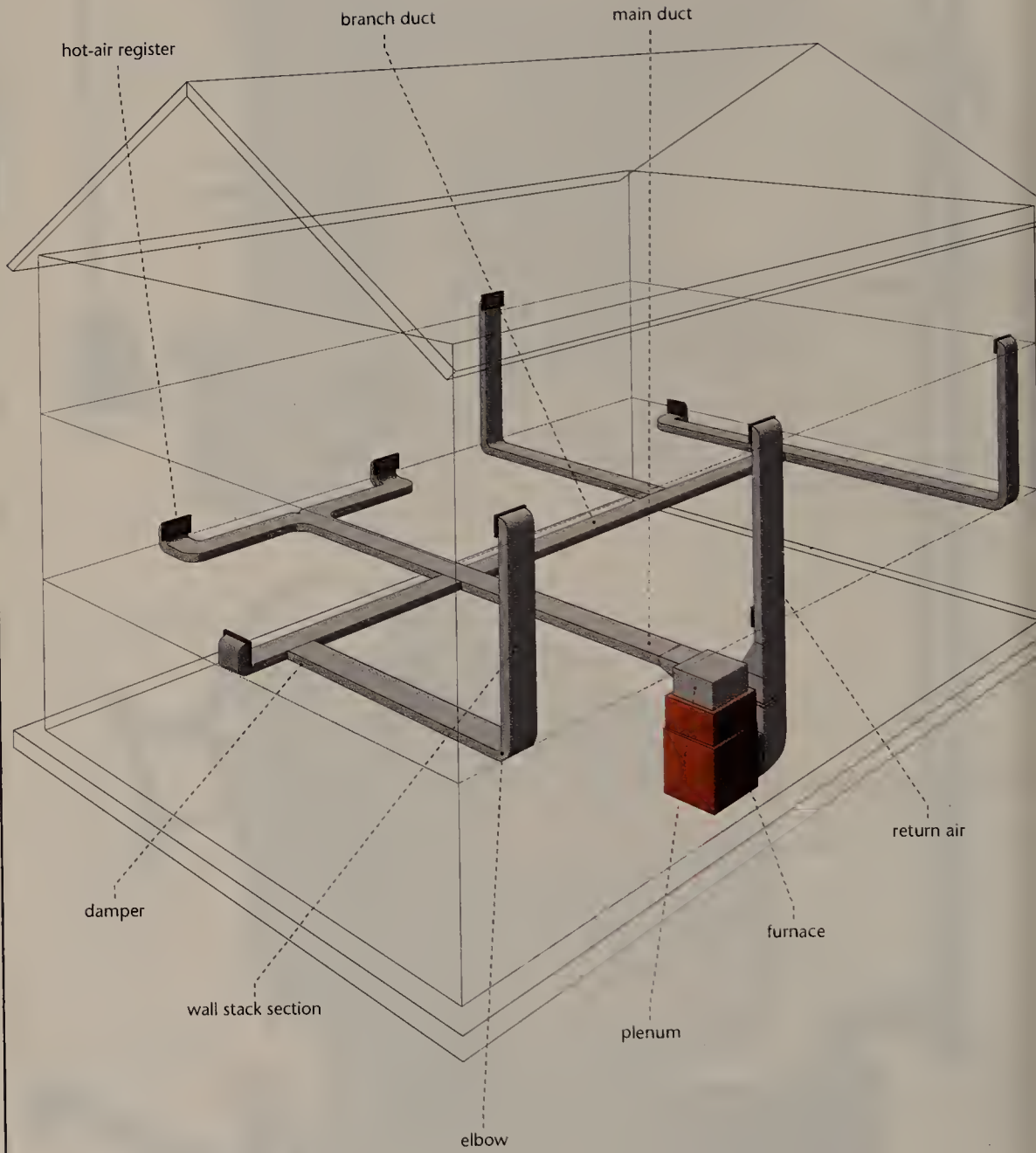
log carrier



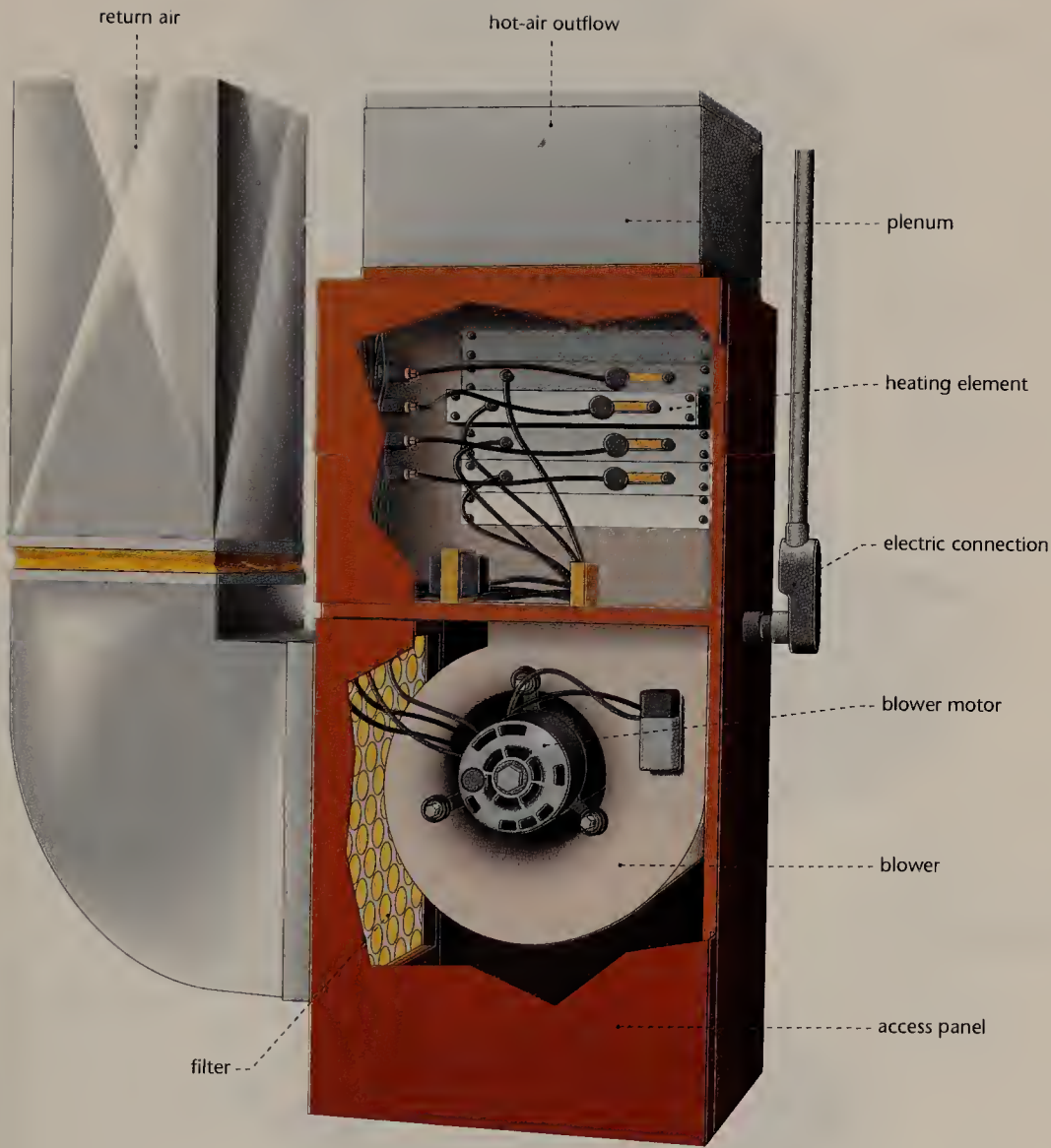
andirons

FORCED WARM-AIR SYSTEM

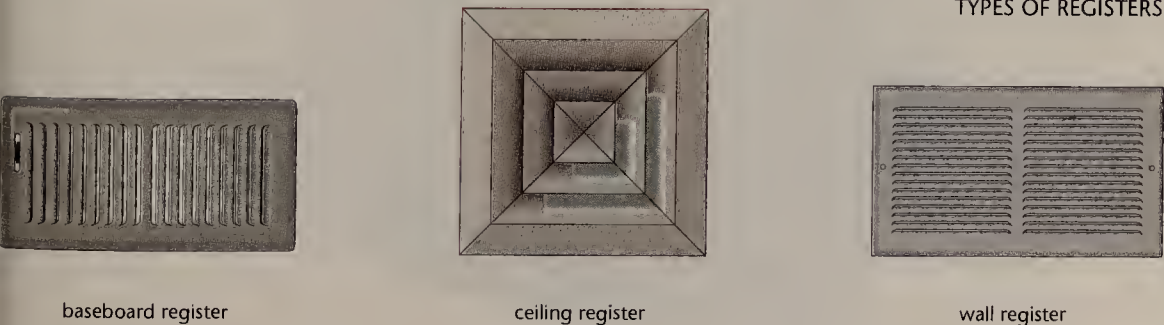
HOUSE



ELECTRIC FURNACE



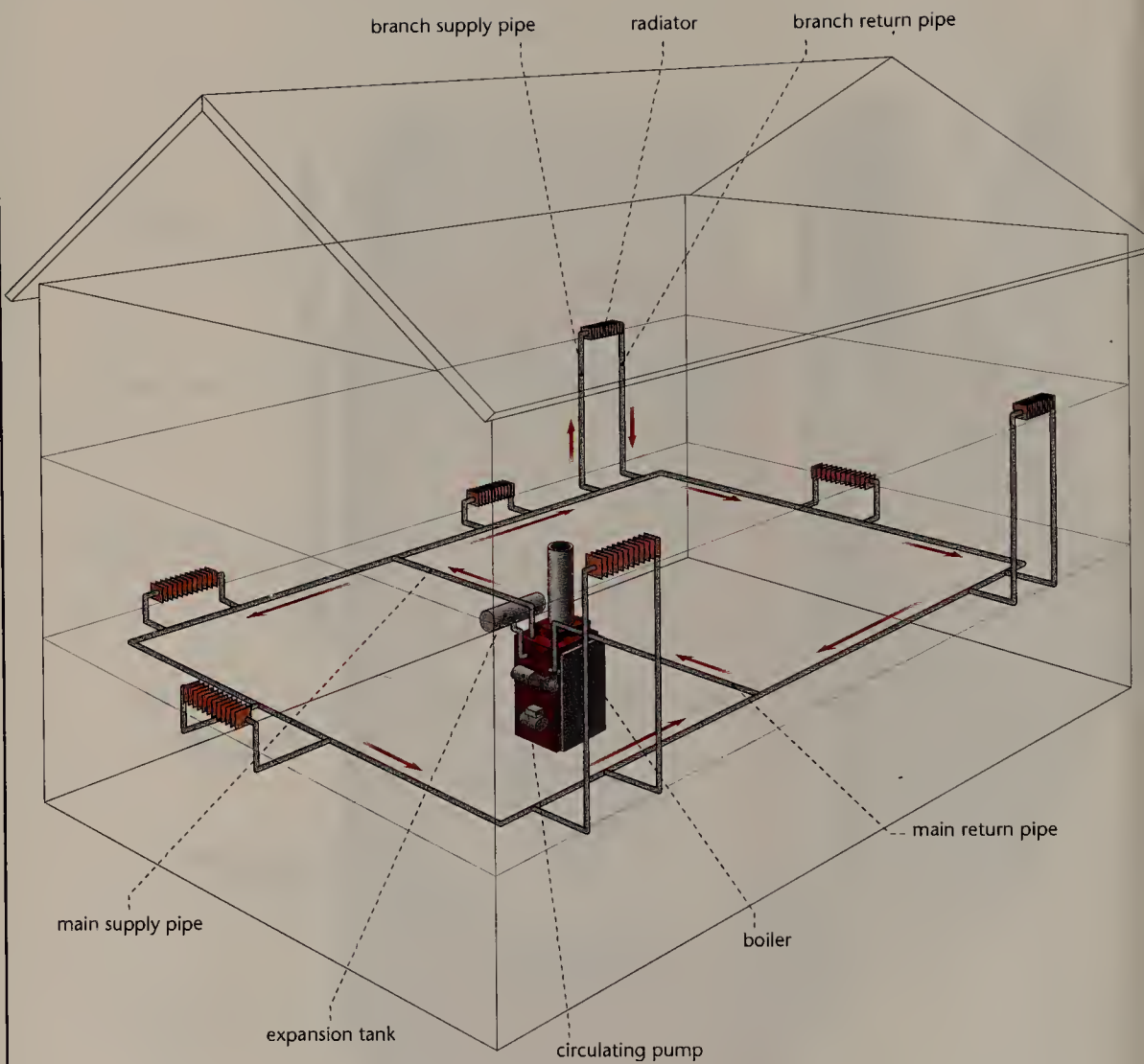
TYPES OF REGISTERS



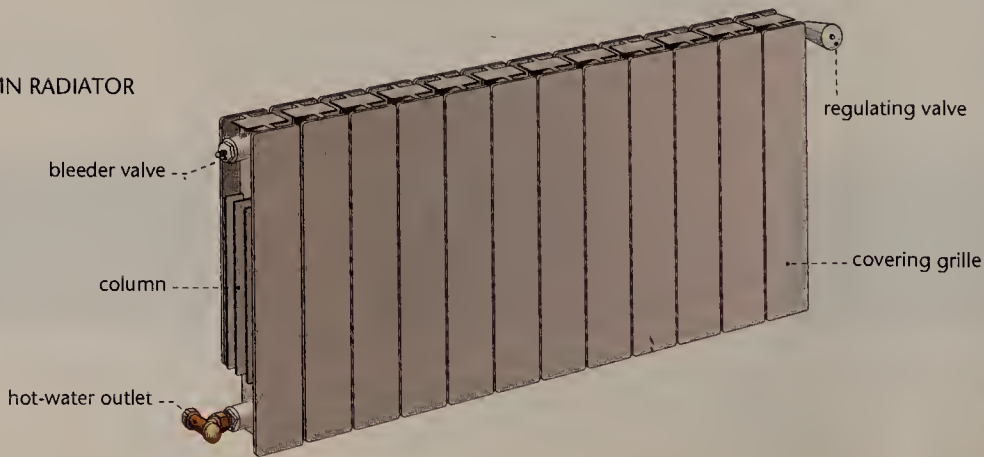
HEATING

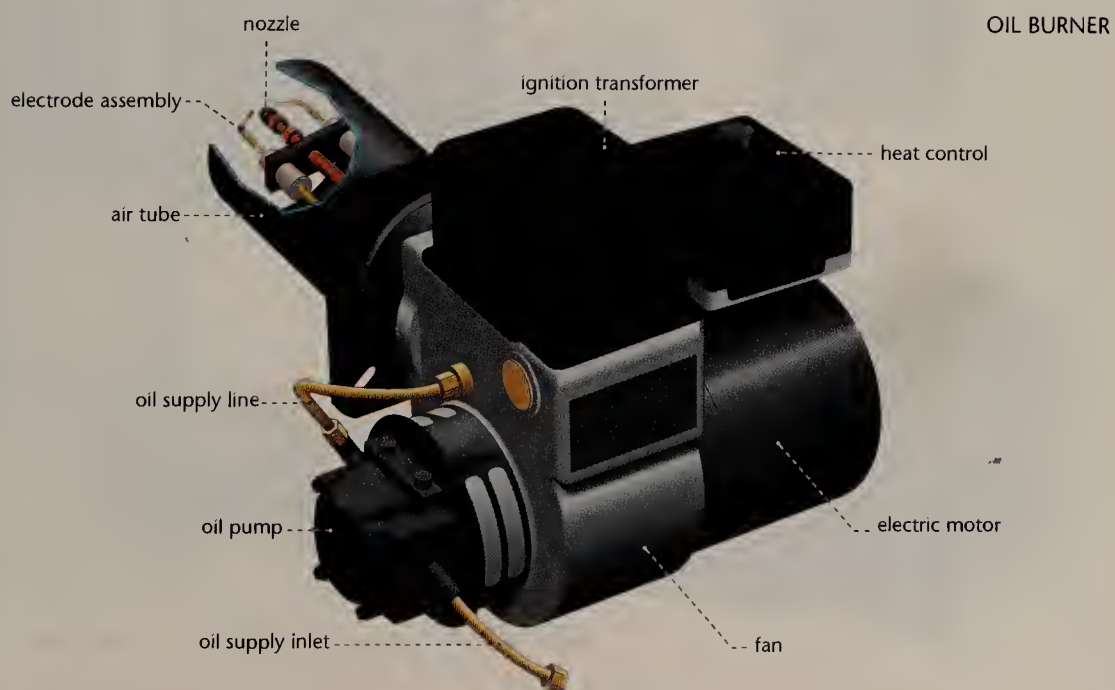
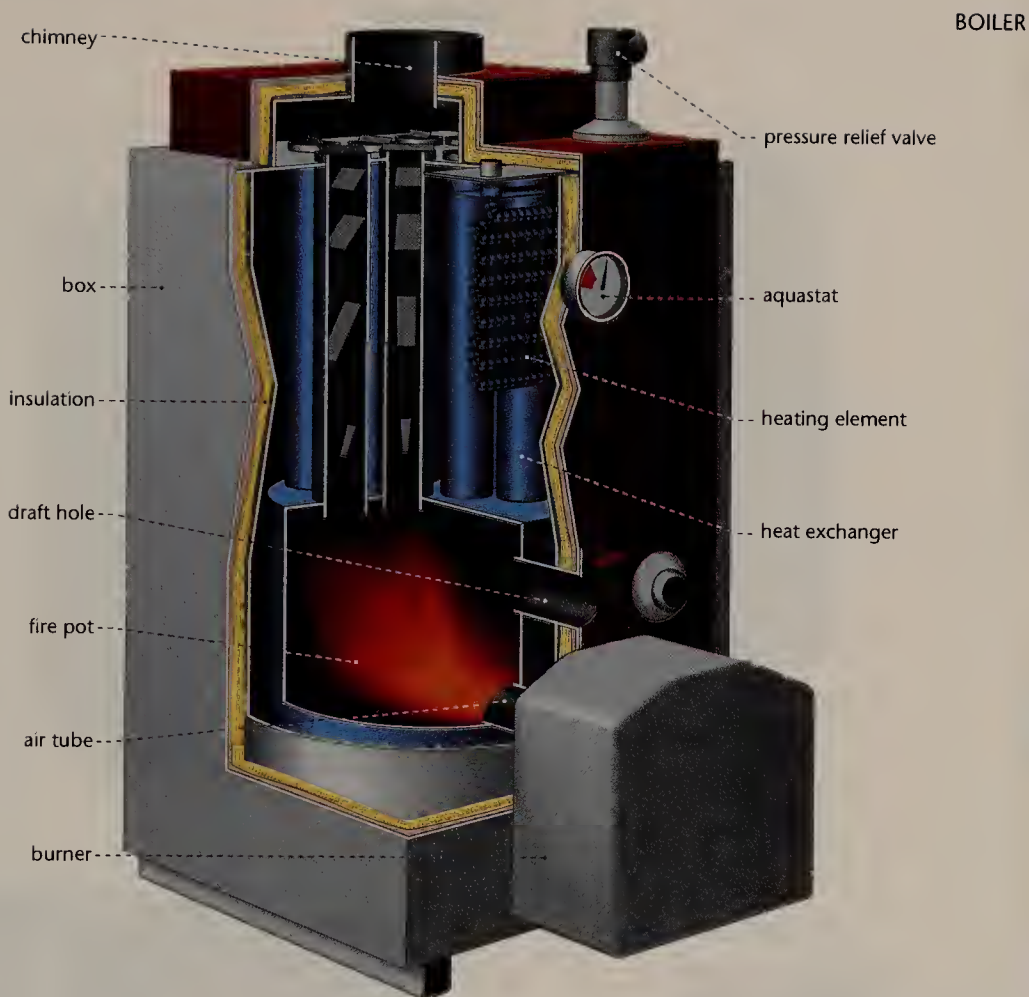
FORCED HOT-WATER SYSTEM

HOUSE



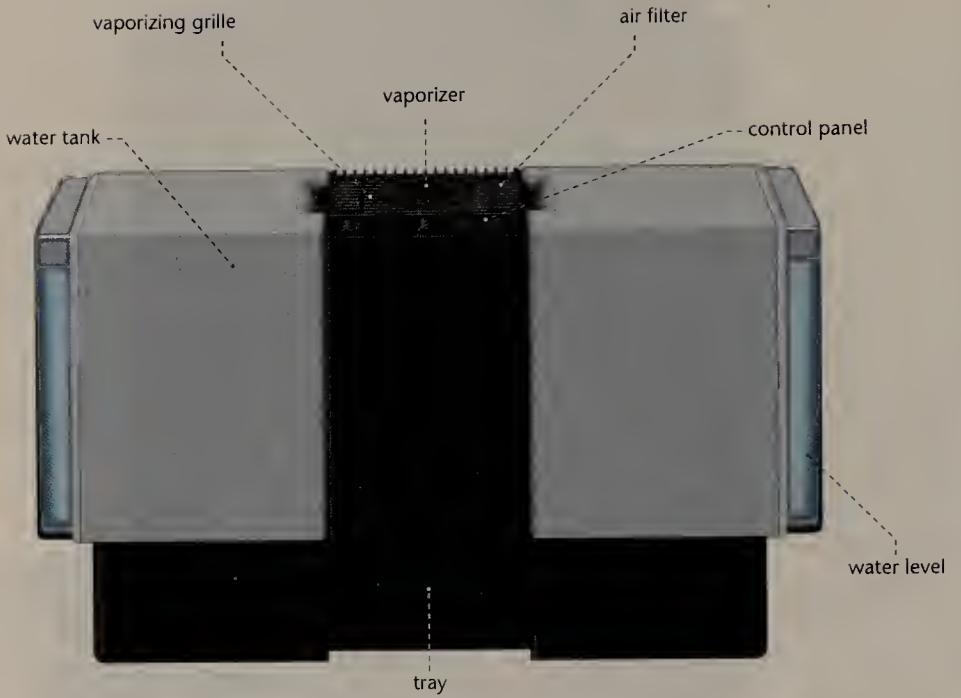
COLUMN RADIATOR





HEATING

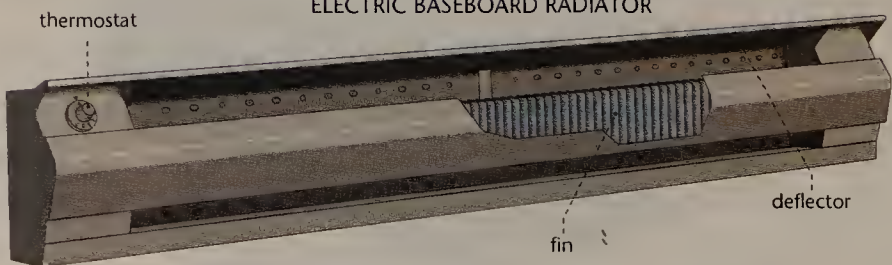
HUMIDIFIER



HYGROMETER



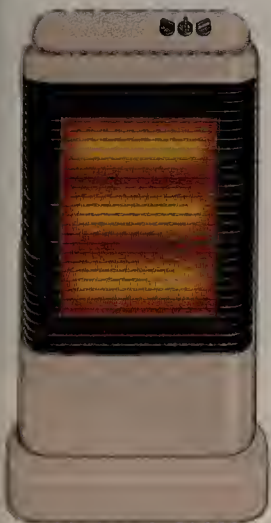
ELECTRIC BASEBOARD RADIATOR



CONVECTOR



AUXILIARY HEATING



radiant heater



oil-filled heater



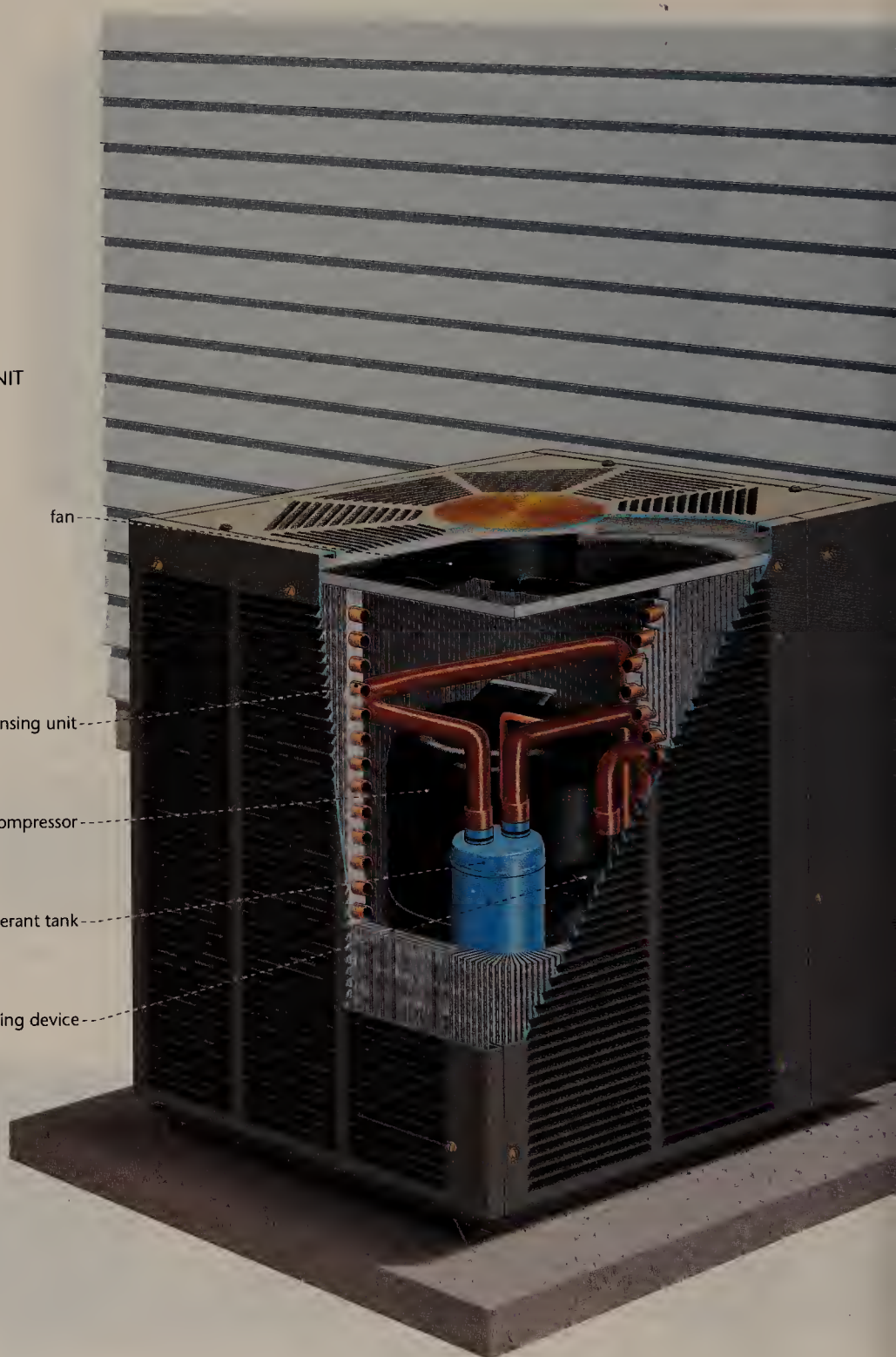
fan heater

HEAT PUMP

HOUSE

OUTDOOR UNIT

- fan
- outdoor condensing unit
- compressor
- refrigerant tank
- reversing device



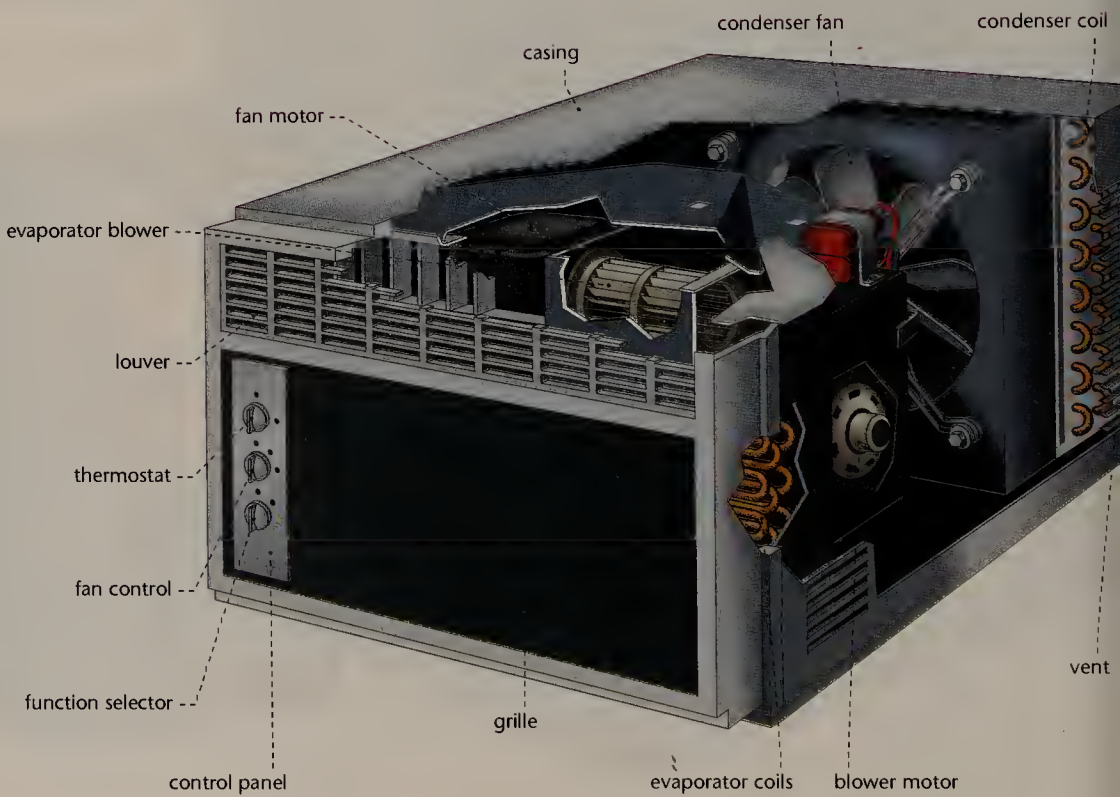


AIR CONDITIONING

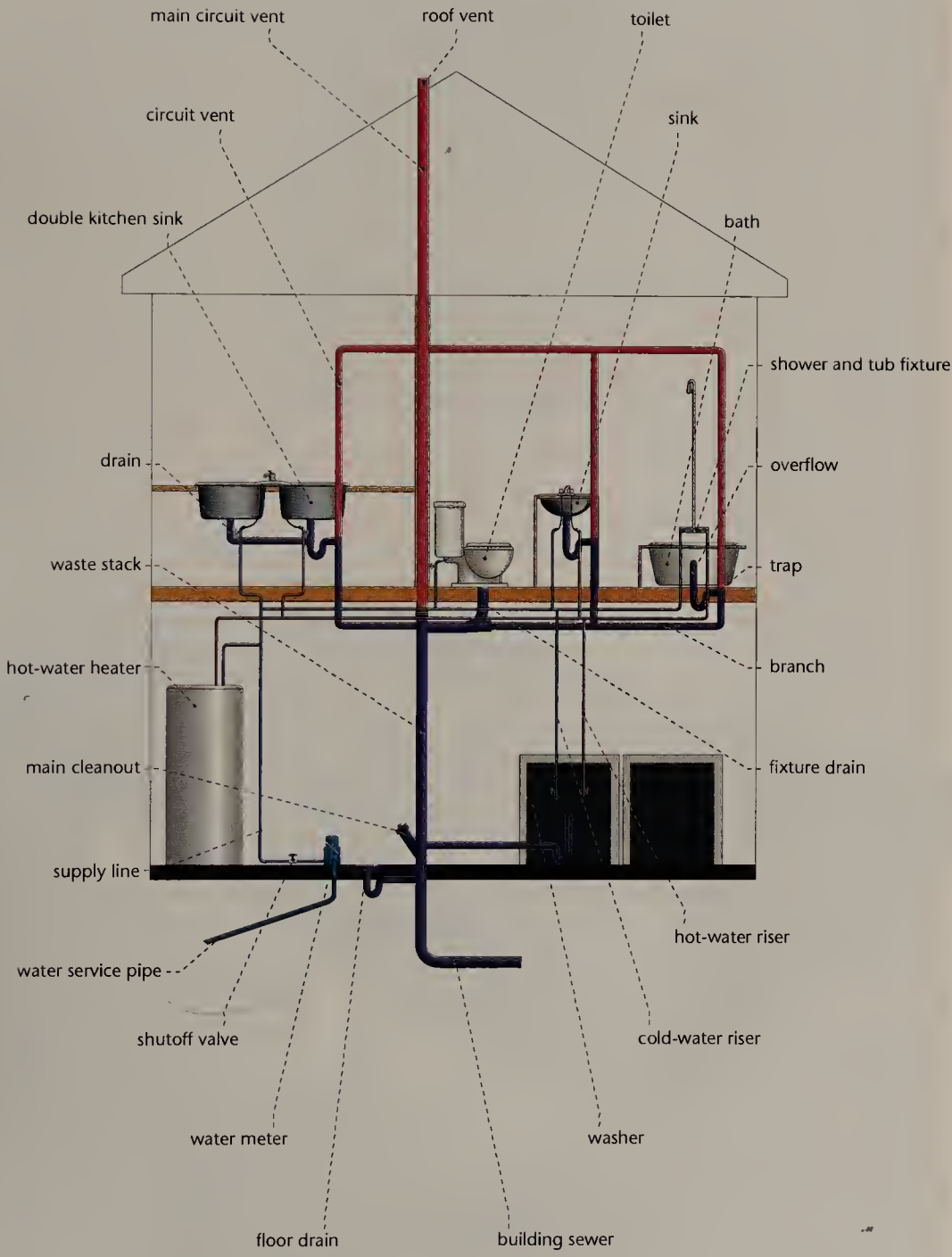
CEILING FAN





ROOM AIR CONDITIONER



PLUMBING SYSTEM



 ventilating circuit

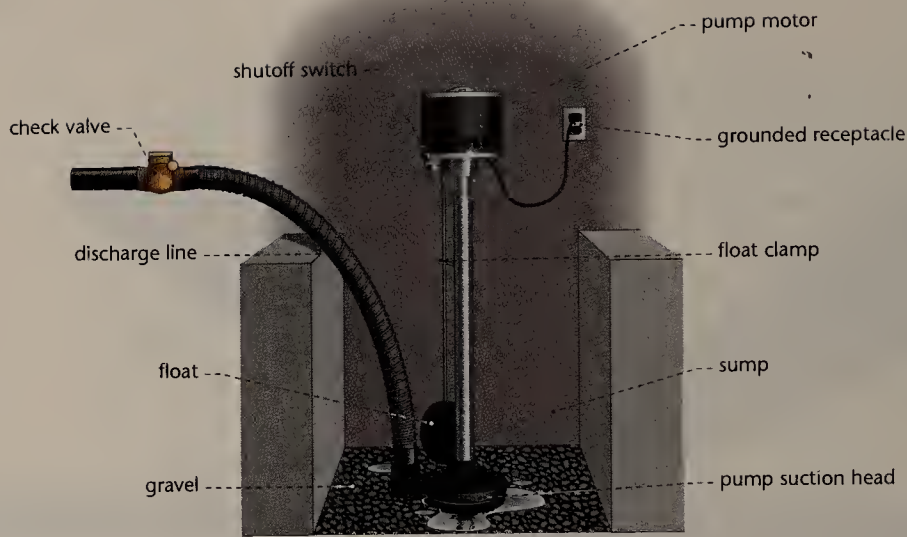
 draining circuit

 cold-water circuit

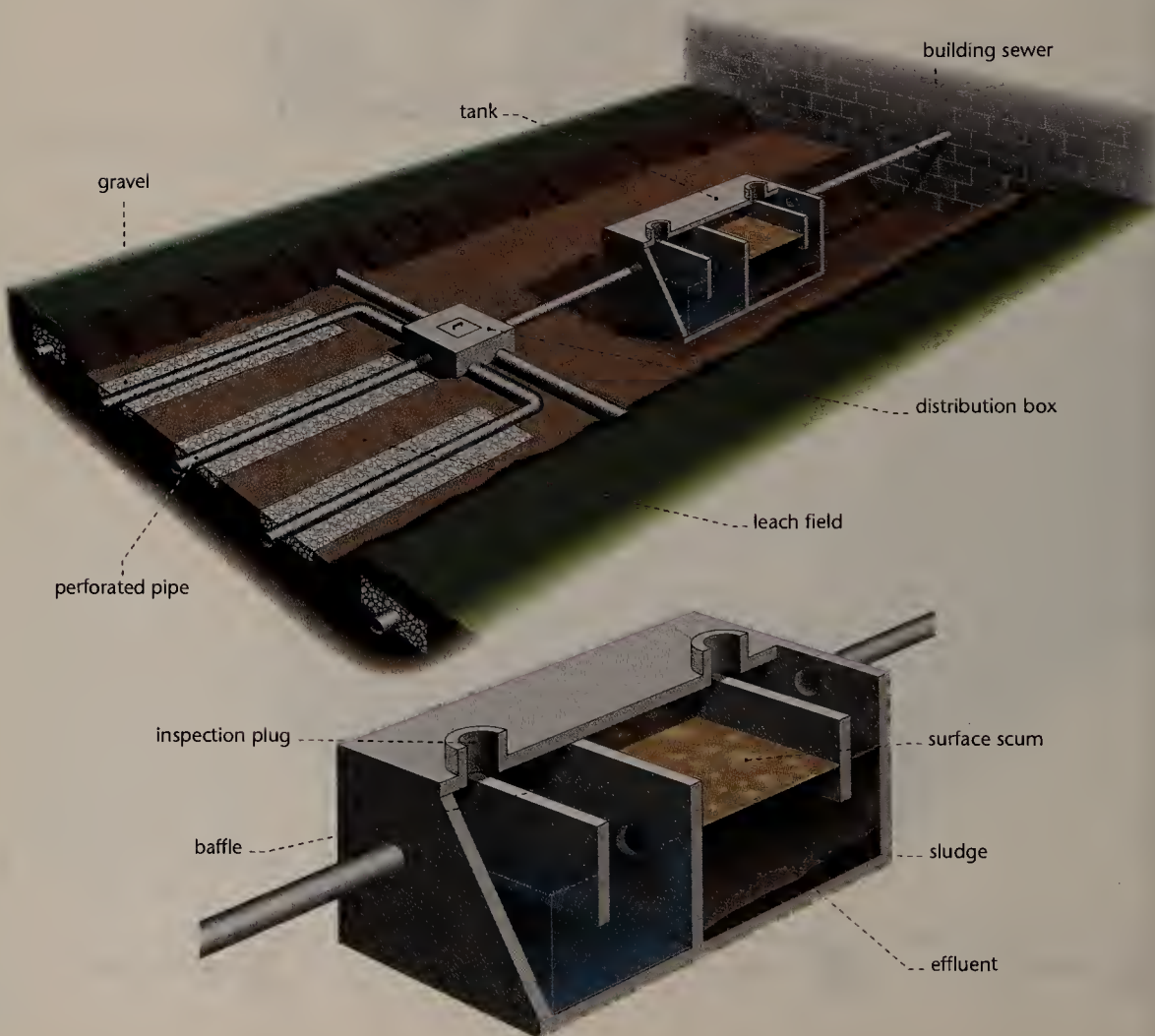
 hot-water circuit

PEDESTAL-TYPE SUMP PUMP

HOUSE



SEPTIC TANK



HOUSE FURNITURE



CONTENTS

TABLE.....	219
ARMCHAIR	220
SEATS.....	222
SIDE CHAIR	223
BED.....	224
STORAGE FURNITURE	225
WINDOW ACCESSORIES	228
LIGHTS.....	232
GLASSWARE	237
DINNERWARE	238
SILVERWARE.....	239
KITCHEN UTENSILS.....	242
COFFEE MAKERS	247
COOKING UTENSILS.....	248
DOMESTIC APPLIANCES	250

TABLE

GATE-LEG TABLE



TYPES OF TABLES



nest of tables



serving cart



ARMCHAIR

PARTS



PRINCIPAL TYPES OF ARMCHAIRS



bergère



cabriolet



director's chair



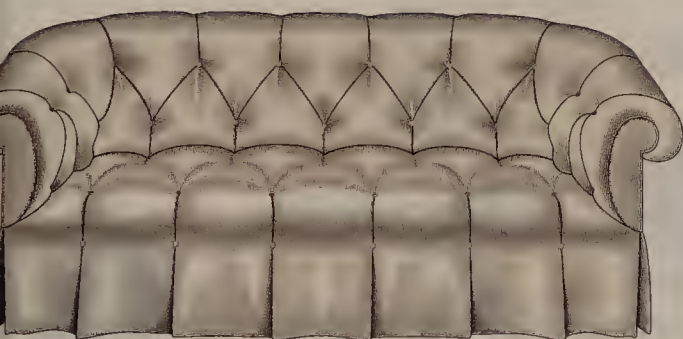
sofa



love seat



récamier



chesterfield



méridienne



Wassily chair



rocking chair



club chair

SEATS



banquette



ottoman



bean bag chair



bench



bar stool



footstool



step chair

SIDE CHAIR

PARTS



TYPES OF CHAIRS



stacking chairs



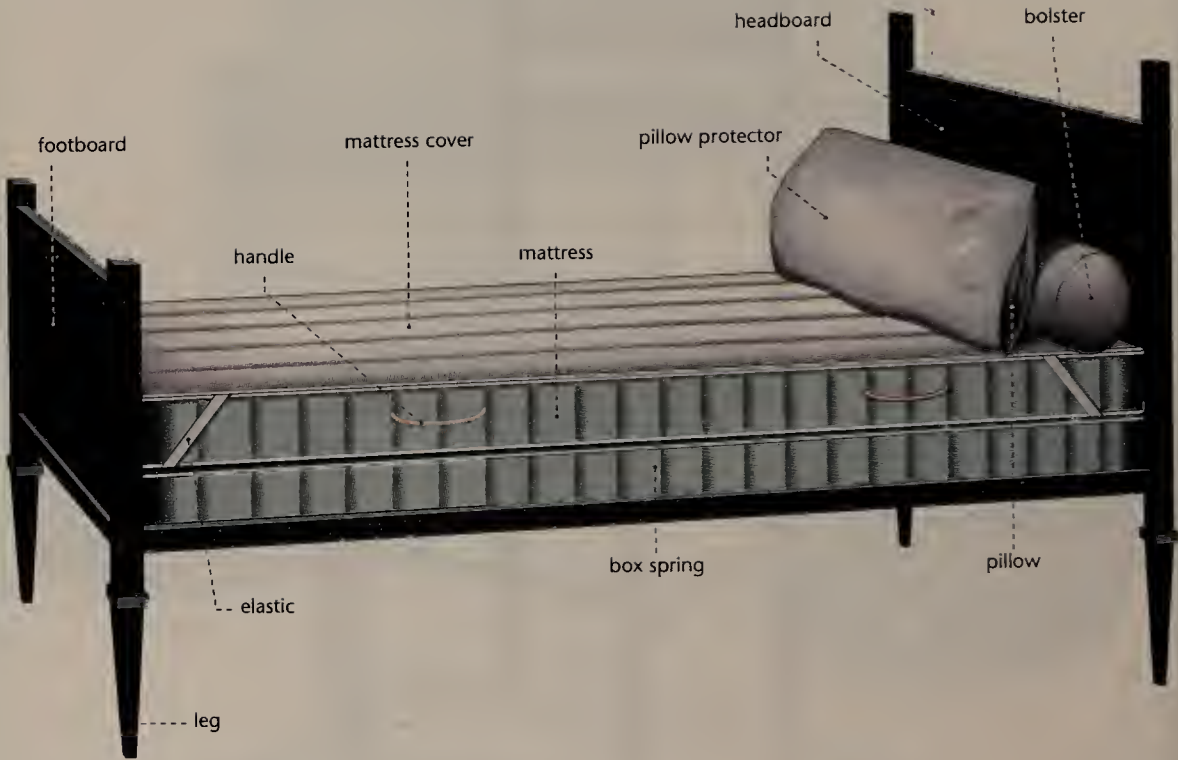
rocking chair



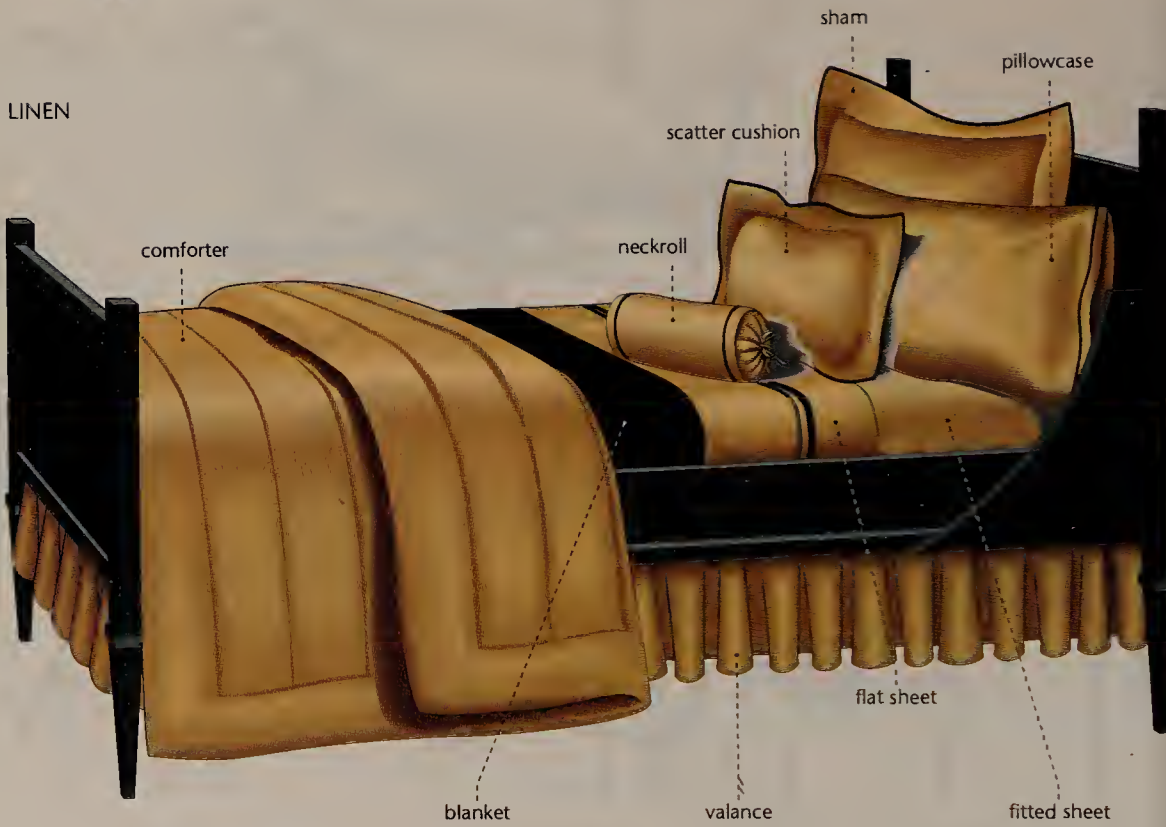
folding chair

BED

PARTS



LINEN



ARMOIRE



frame



door

STORAGE FURNITURE



linen chest



dresser



drawer

chiffonier



tray

fall front

secretary



shelf

closet

wardrobe



display cabinet



cocktail cabinet



glass-fronted display cabinet



corner cupboard

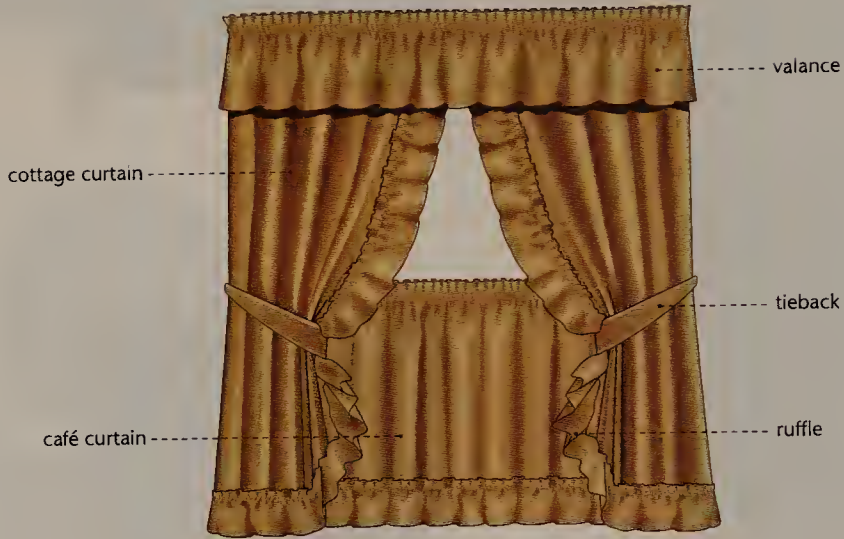


buffet

WINDOW ACCESSORIES

TYPES OF CURTAINS

GLASS CURTAIN



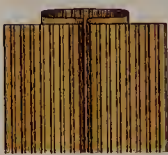
ATTACHED CURTAIN



LOOSE CURTAIN



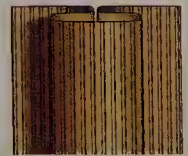
TYPES OF PLEATS



box pleat



pinch pleat



inverted pleat

CURTAIN



BALLOON CURTAIN



CRISSCROSS CURTAINS



TYPES OF HEADINGS



draped swag



pencil pleat heading



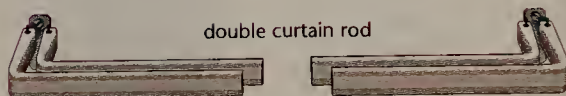
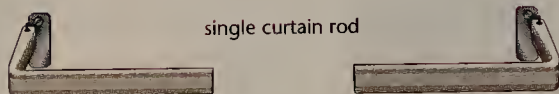
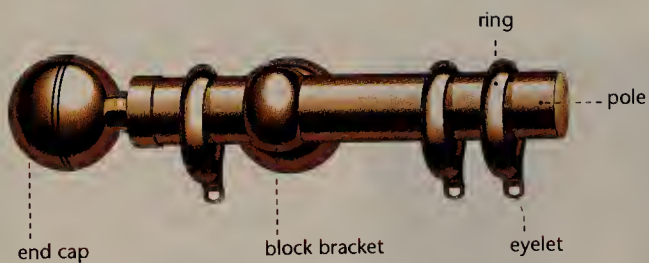
pleated heading



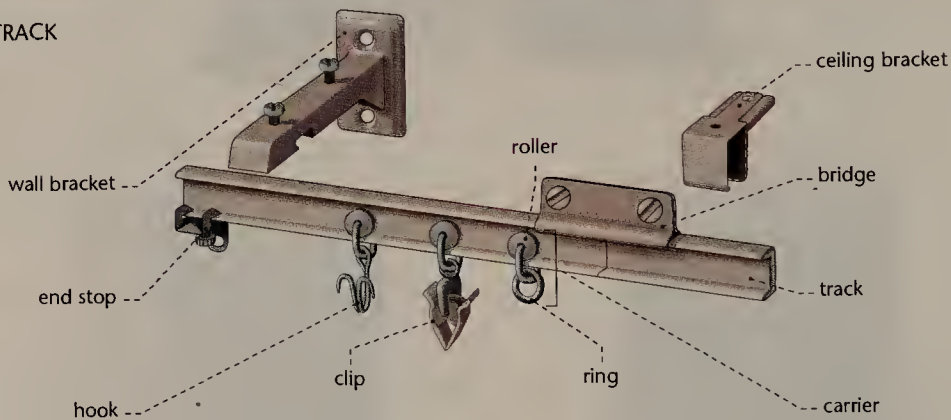
shirred heading

WINDOW ACCESSORIES

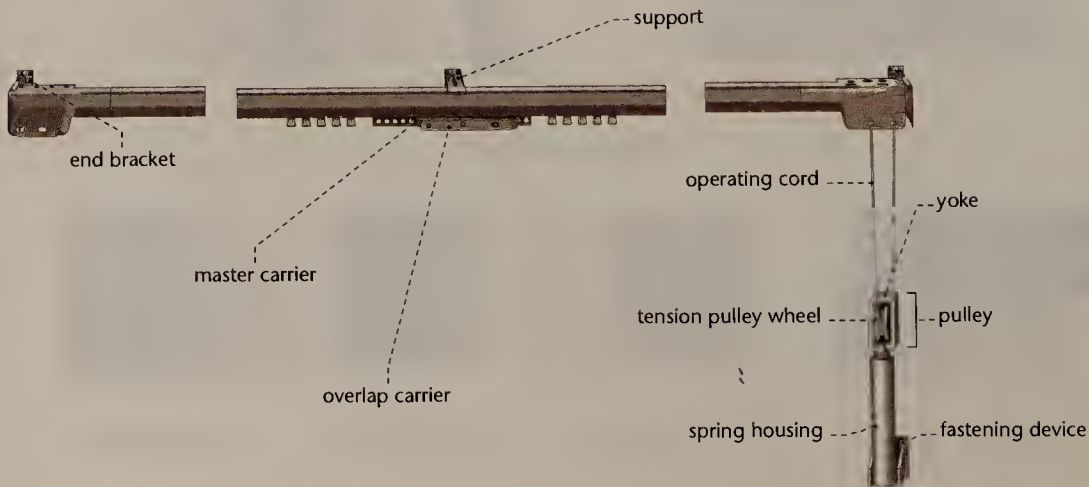
CURTAIN POLE



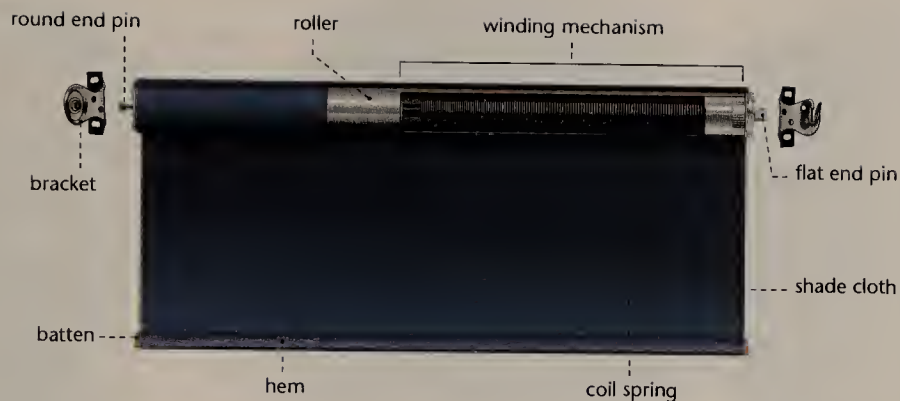
CURTAIN TRACK



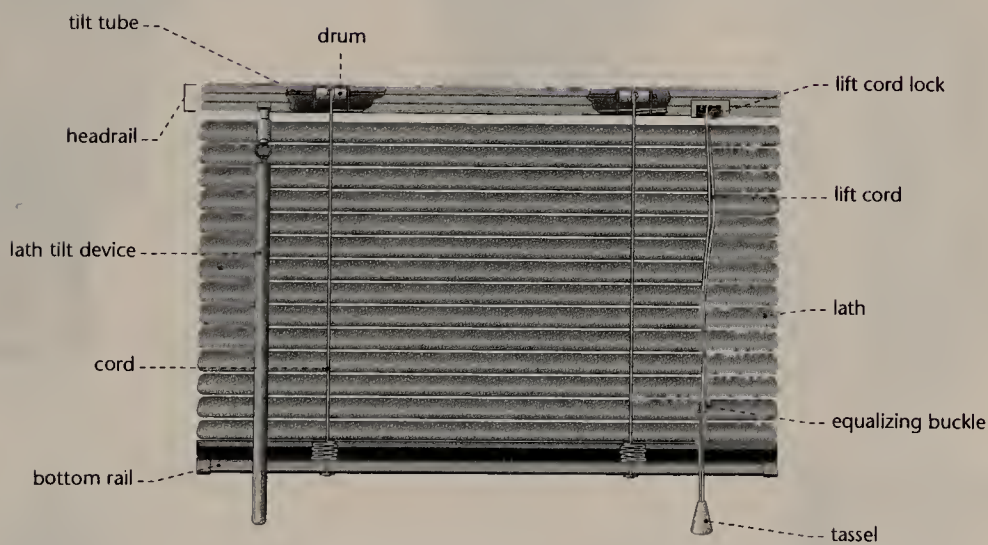
TRAVERSE ROD



ROLLER SHADE



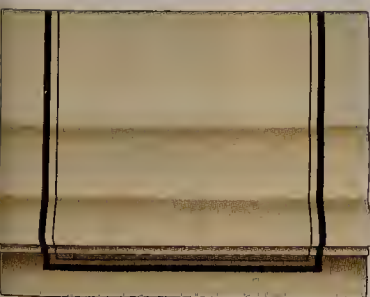
VENETIAN BLIND



roll-up blind



roman shade

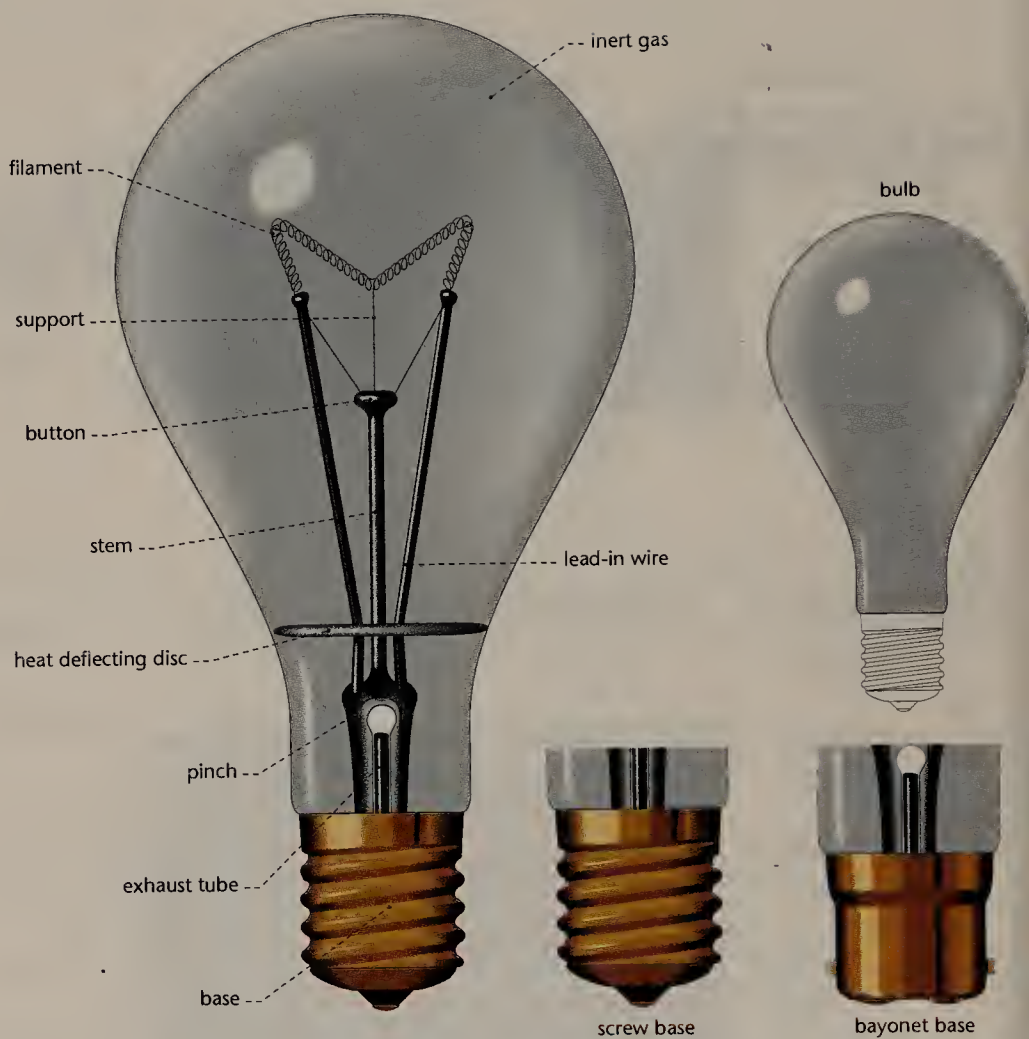


indoor shutters

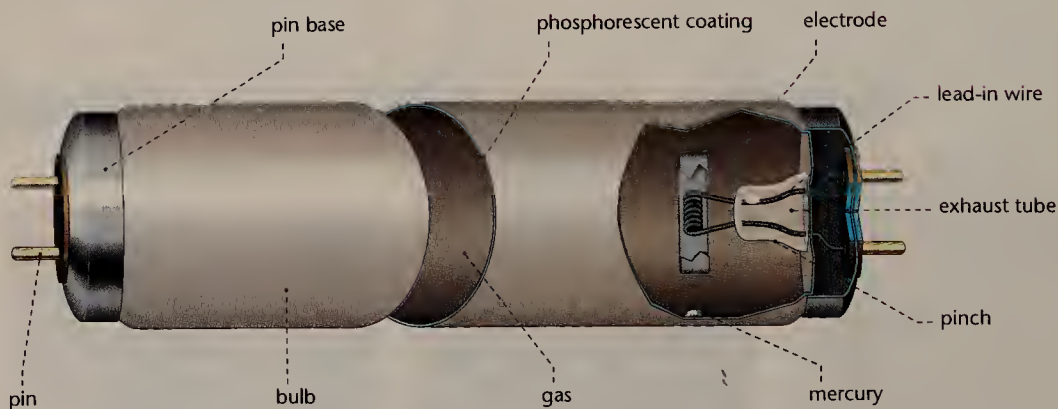


LIGHTS

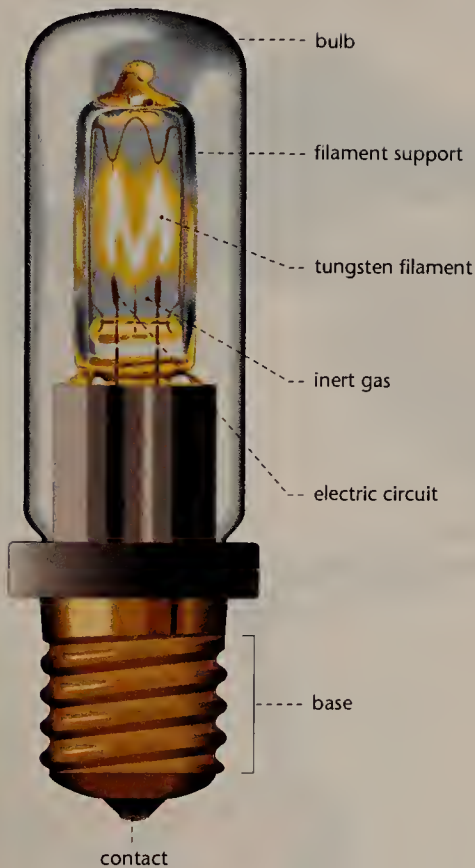
INCANDESCENT LAMP



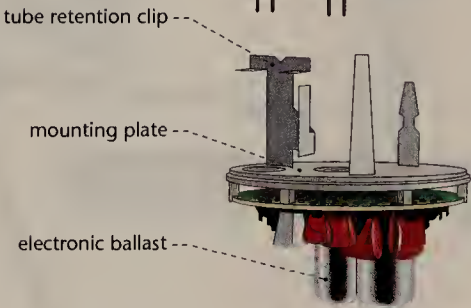
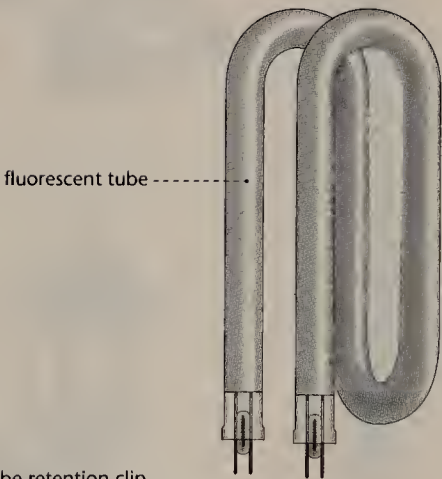
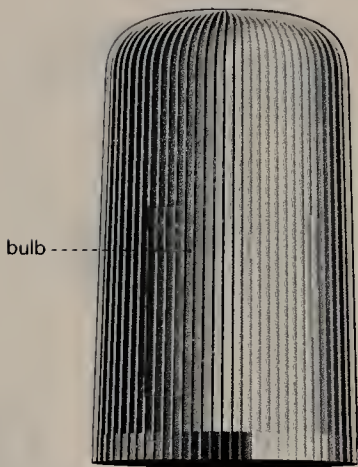
FLUORESCENT TUBE



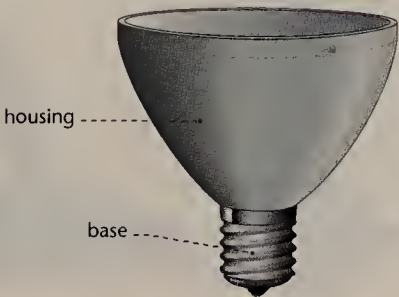
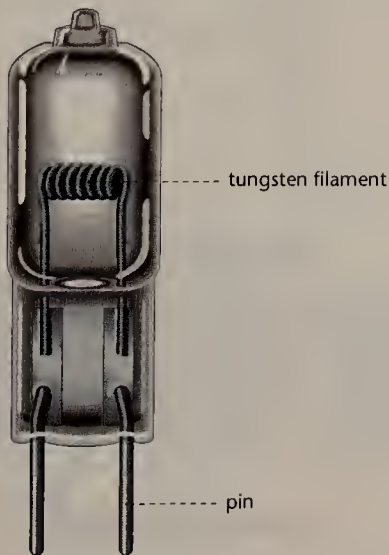
TUNGSTEN-HALOGEN LAMP



ENERGY SAVING BULB



TUNGSTEN-HALOGEN LAMP



LIGHTS

wall fitting

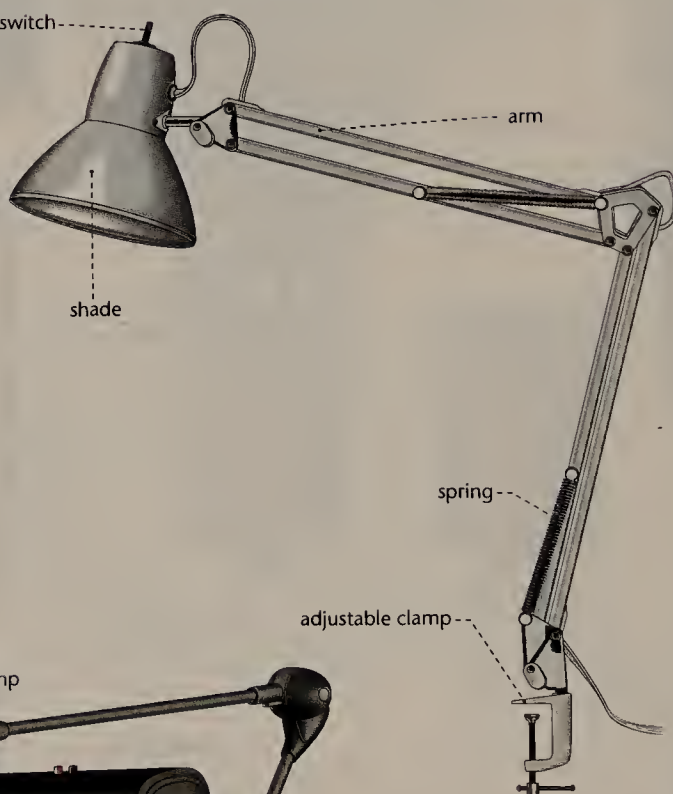


swivel-wall lamp



ADJUSTABLE LAMP

on-off switch



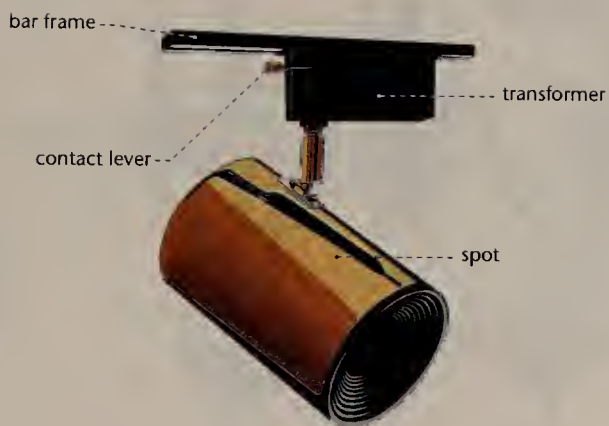
desk lamp



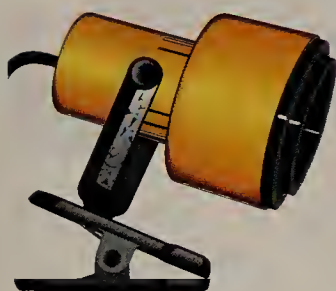
bed lamp



TRACK LIGHTING



clamp spotlight



wall lantern



strip light



post lantern

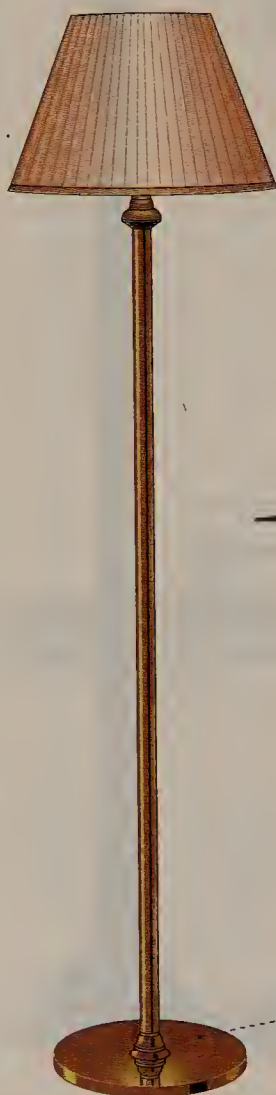


LIGHTS

CHANDELIER



floor lamp



hanging pendant



ceiling fitting

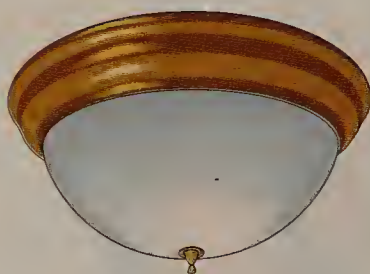


table lamp



GLASSWARE



port glass



sparkling wine glass



brandy snifter



liqueur glass



white wine glass



bordeaux glass



burgundy glass



Alsace glass



old-fashioned glass



highball glass



cocktail glass



water goblet



decanter



small decanter



champagne flute



beer mug

DINNERWARE



demitasse



cup



coffee mug



creamer



sugar bowl



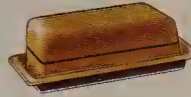
pepper shaker



salt shaker



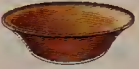
gravy boat



butter dish



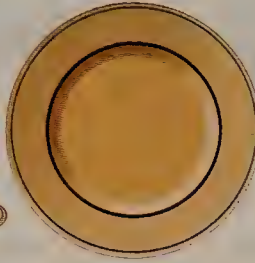
ramekin



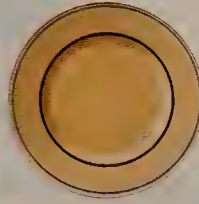
soup bowl



rim soup bowl



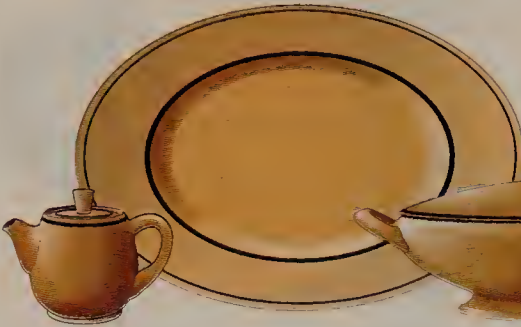
dinner plate



salad plate



bread and butter plate

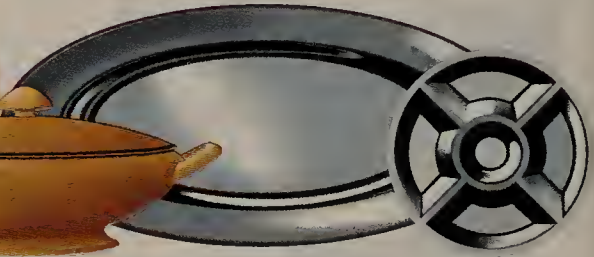


teapot

platter



vegetable bowl



fish platter

hors d'oeuvre dish



water pitcher



salad bowl

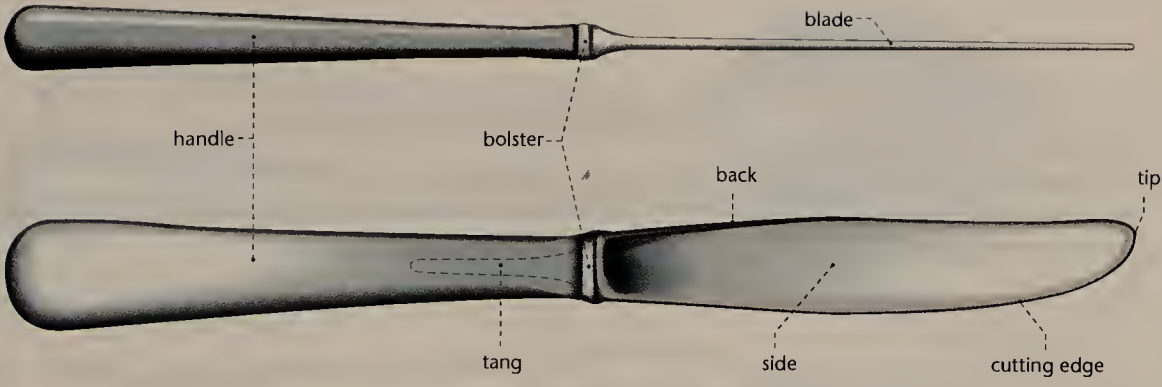


salad dish



soup tureen

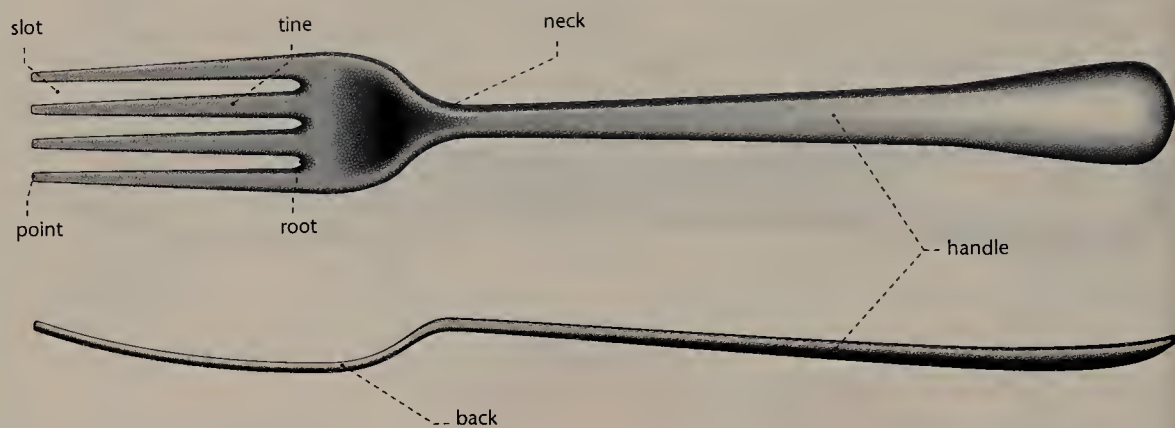
KNIFE



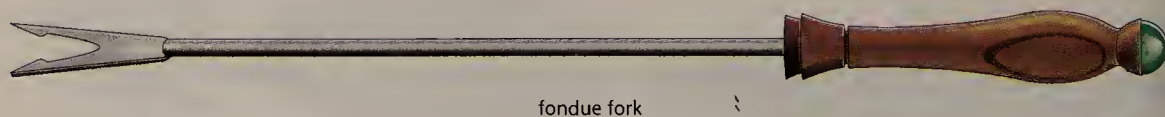
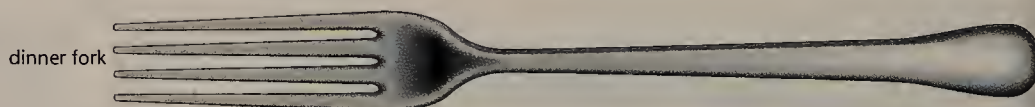
PRINCIPAL TYPES OF KNIVES



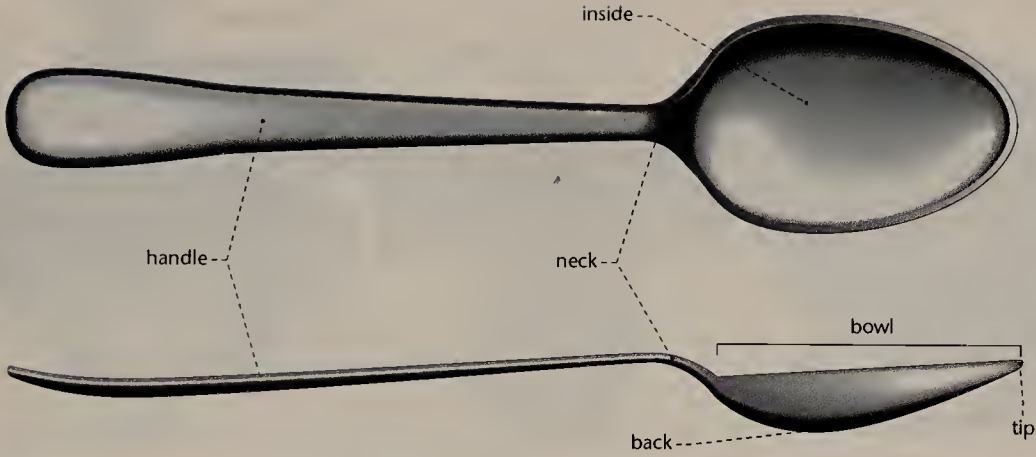
FORK



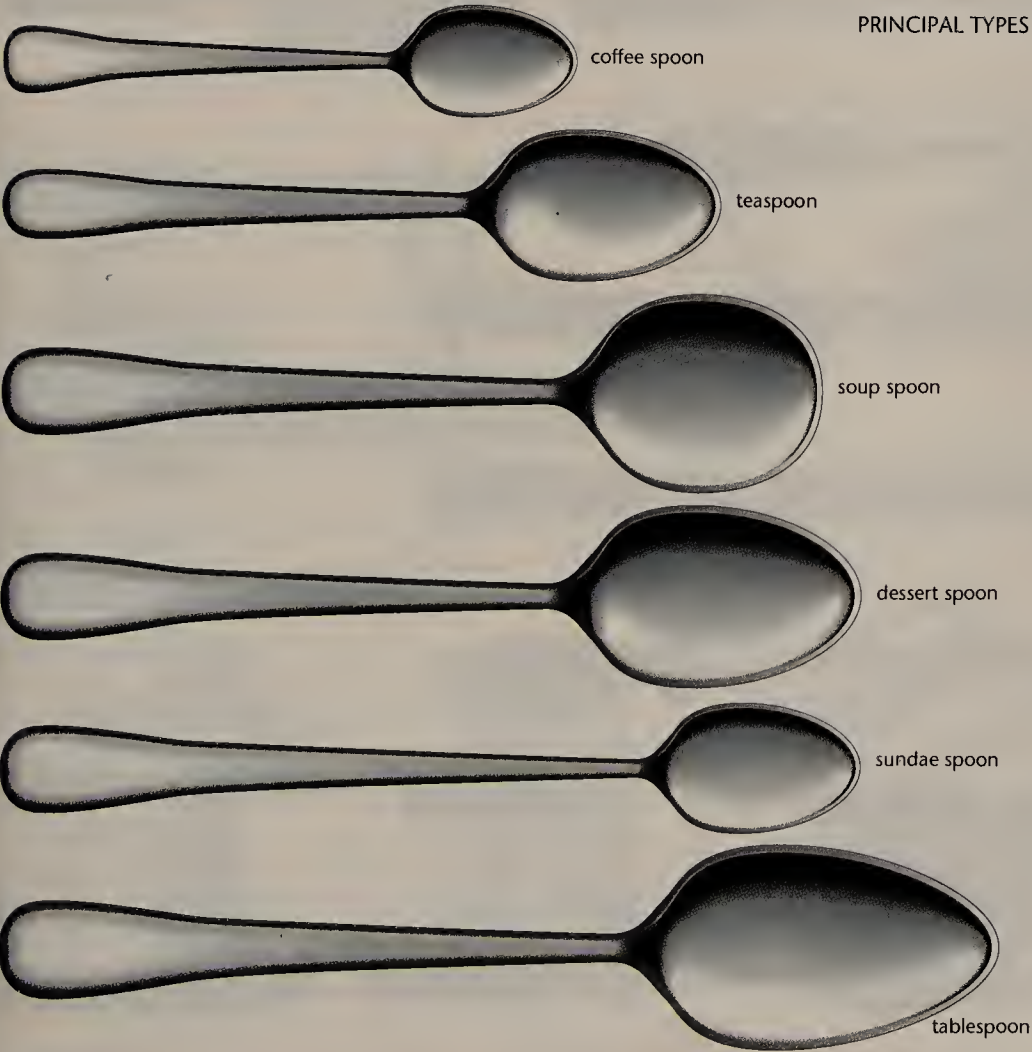
PRINCIPAL TYPES OF FORKS



SPOON

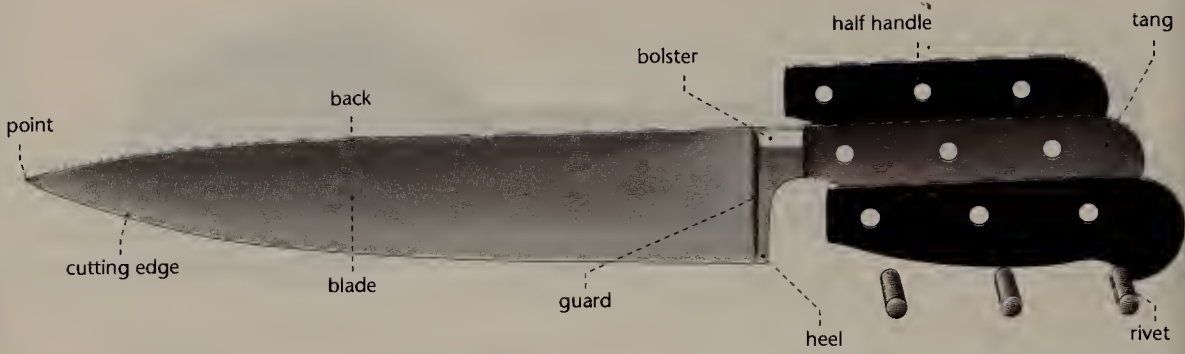


PRINCIPAL TYPES OF SPOONS



KITCHEN UTENSILS

KITCHEN KNIFE



TYPES OF KITCHEN KNIVES



FOR STRAINING AND DRAINING



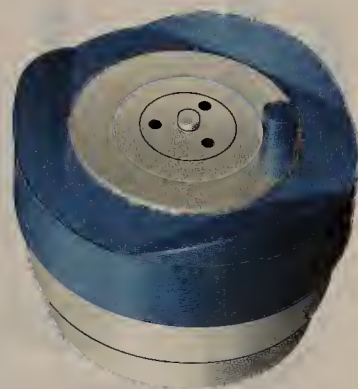
funnel



colander



strainer



salad spinner

FOR GRINDING AND GRATING

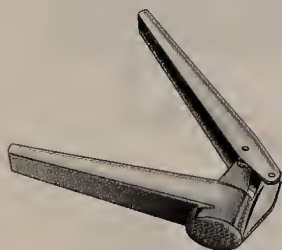


pestle

mortar



nutcracker



garlic press



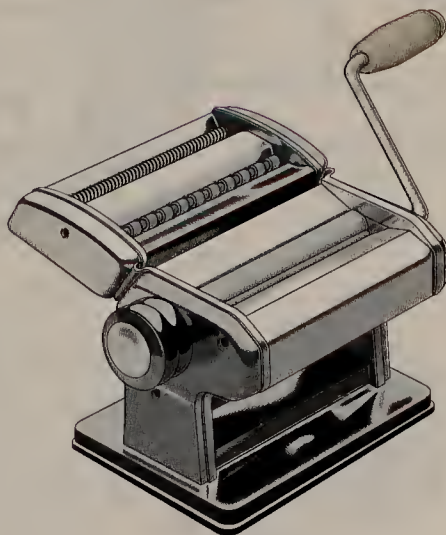
citrus juicer



meat grinder



grater



pasta maker

KITCHEN UTENSILS

SET OF UTENSILS



ladle



potato masher



turner



spatula



draining spoon



skimmer

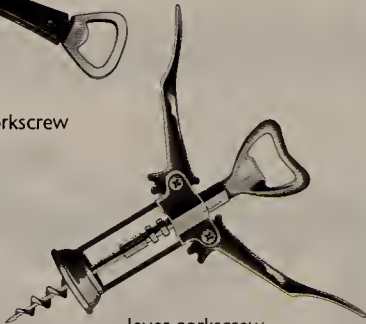
FOR OPENING



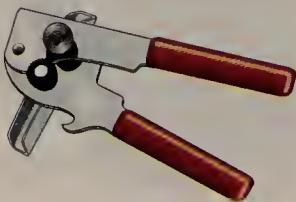
bottle opener



wine waiter corkscrew



lever corkscrew



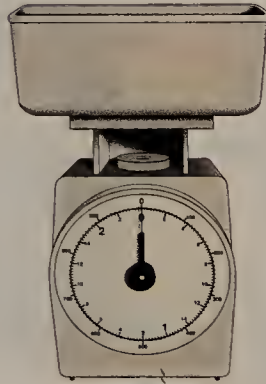
can opener



kitchen timer



meat thermometer

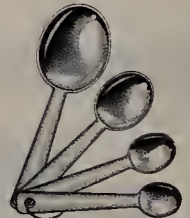


kitchen scale

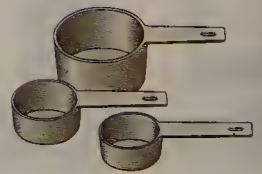
FOR MEASURING



egg timer



measuring spoons

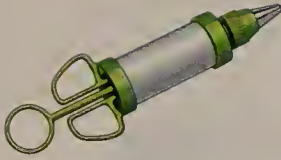


measuring cups

BAKING UTENSILS



pastry brush



icing syringe



pastry cutting wheel



sifter



whisk



egg beater



muffin pan



pastry bag and nozzles



cookie sheet



rolling pin



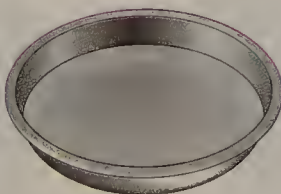
mixing bowls



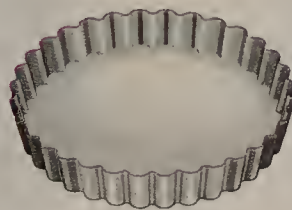
cookie cutters



removable-bottomed pan



pie pan



quiche plate



cake pan

KITCHEN UTENSILS

MISCELLANEOUS UTENSILS



stoner



ice cream scoop



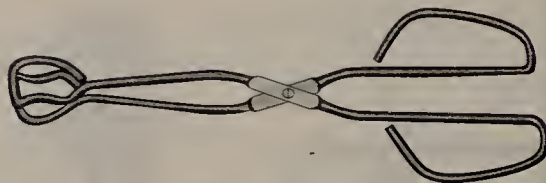
poultry shears



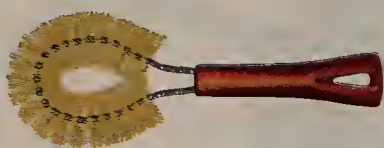
spaghetti tongs



baster



tongs



vegetable brush



tea ball



snail tongs



dredger



egg slicer



snail dish

COFFEE MAKERS

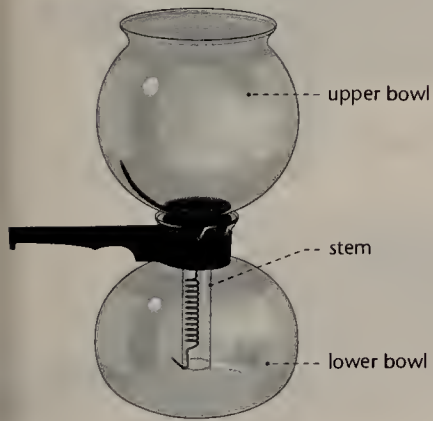
AUTOMATIC DRIP COFFEE MAKER



PERCOLATOR



VACUUM COFFEE MAKER



plunger



Neapolitan coffee maker



espresso coffee maker

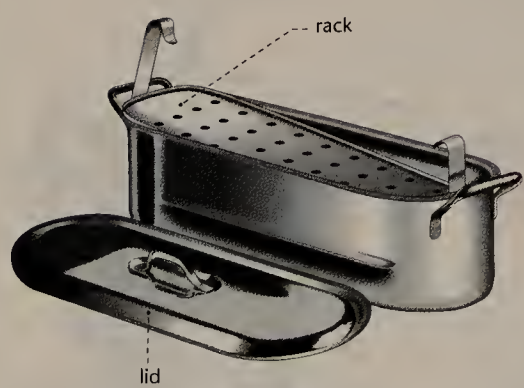


COOKING UTENSILS

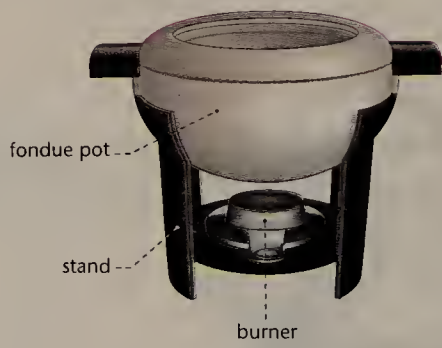
WOK SET



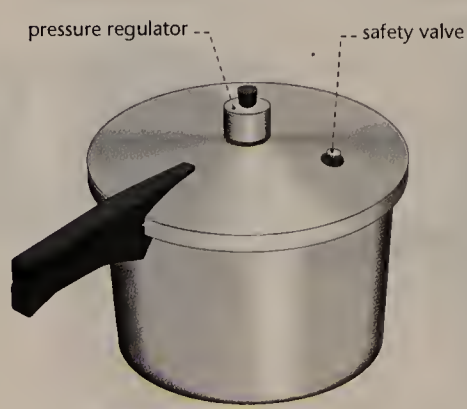
FISH POACHER



FONDUE SET



PRESSURE COOKER



roasting pans





Dutch oven



stock pot



frying pan



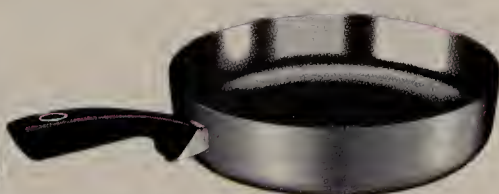
couscous kettle



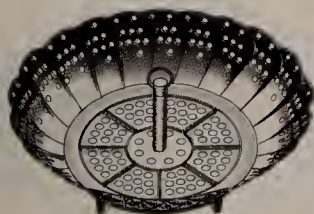
pancake pan



egg poacher



sauté pan



vegetable steamer

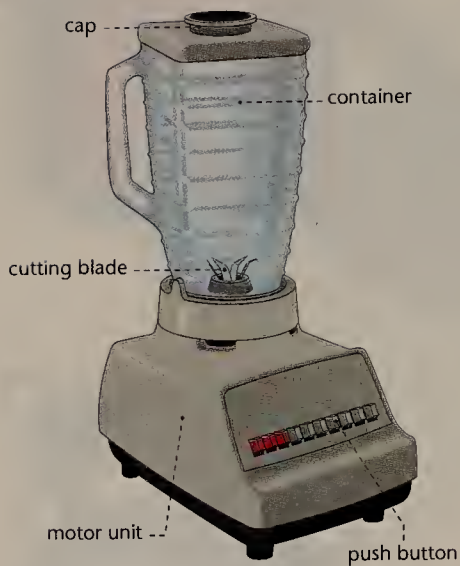


double boiler

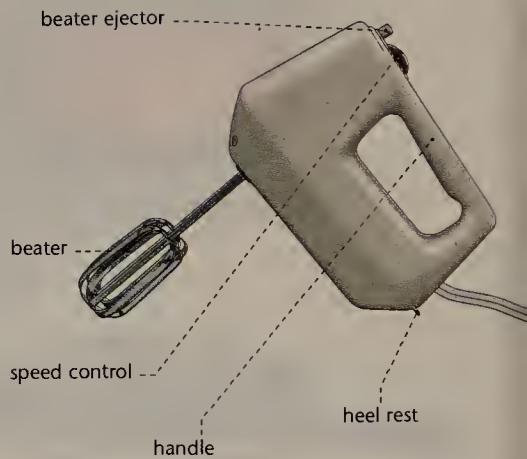


saucepan

BLENDER



HAND MIXER



HAND BLENDER

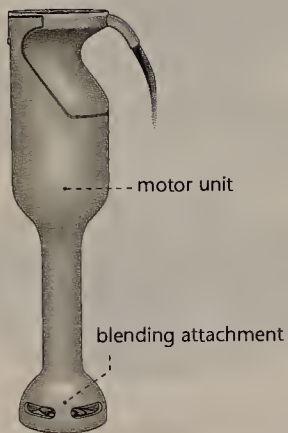


TABLE MIXER



BEATERS



four blade beater



spiral beater

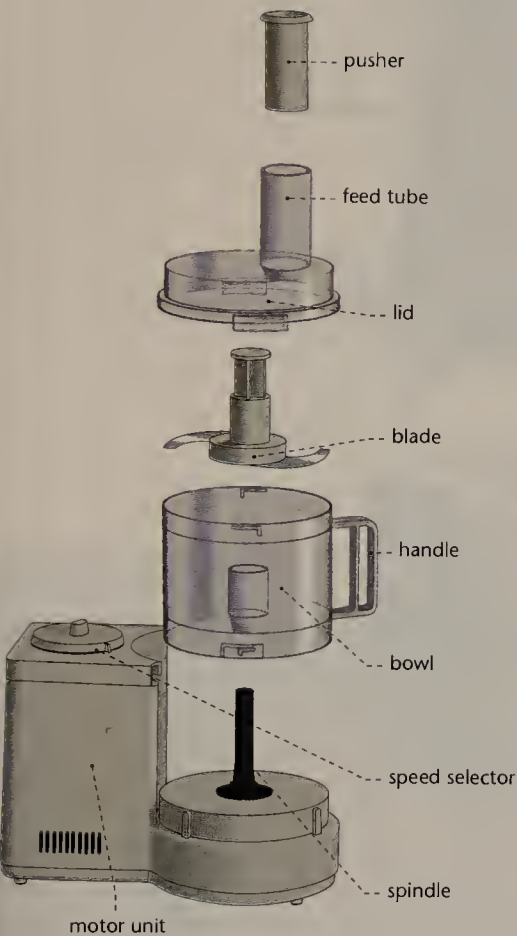


wire beater

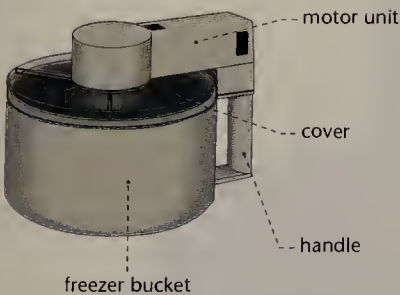


dough hook

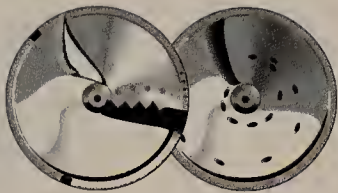
FOOD PROCESSOR



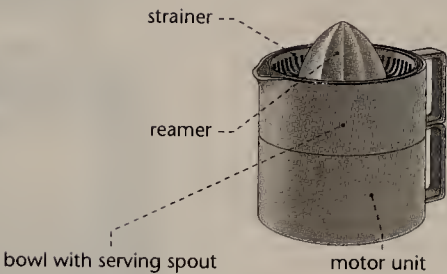
ICE CREAM FREEZER



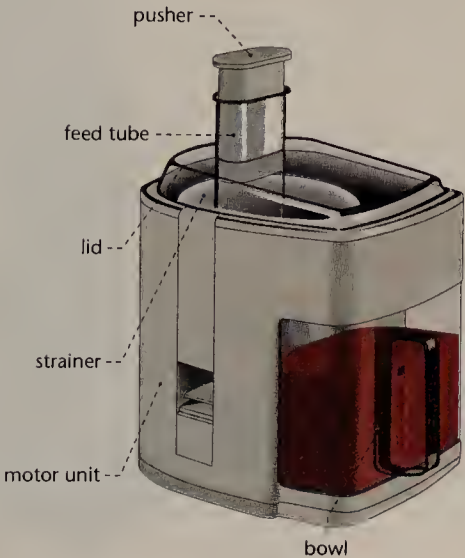
disks



CITRUS JUICER



JUICER



DOMESTIC APPLIANCES

KETTLE



TOASTER



DEEP FRYER



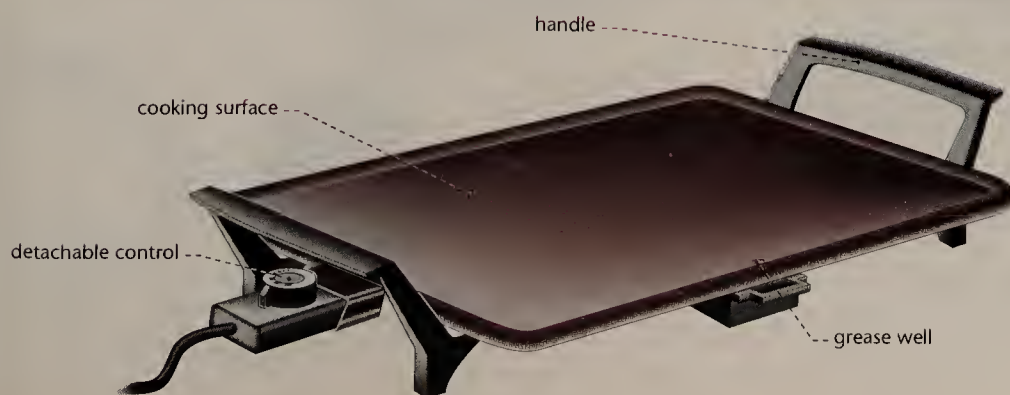
WAFFLE IRON



MICROWAVE OVEN

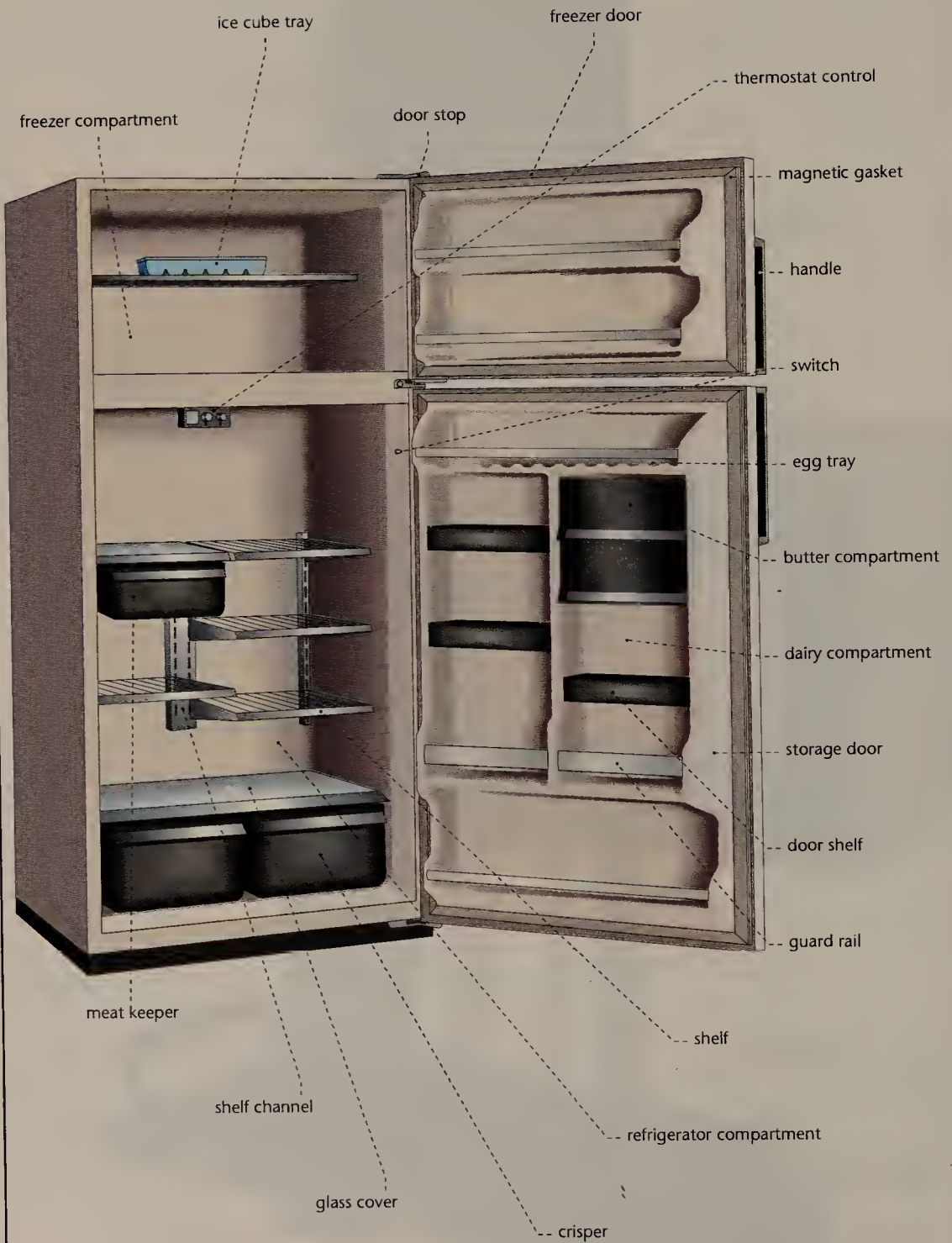


GRIDDLE

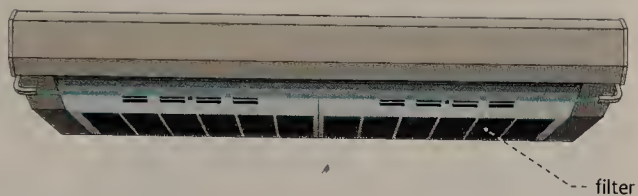


DOMESTIC APPLIANCES

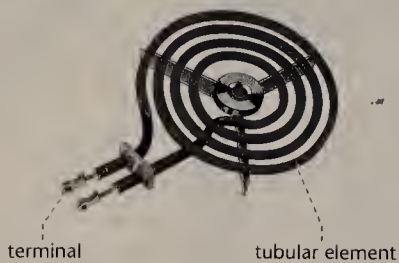
REFRIGERATOR



RANGE HOOD



ELECTRIC RANGE



DOMESTIC APPLIANCES

STEAM IRON



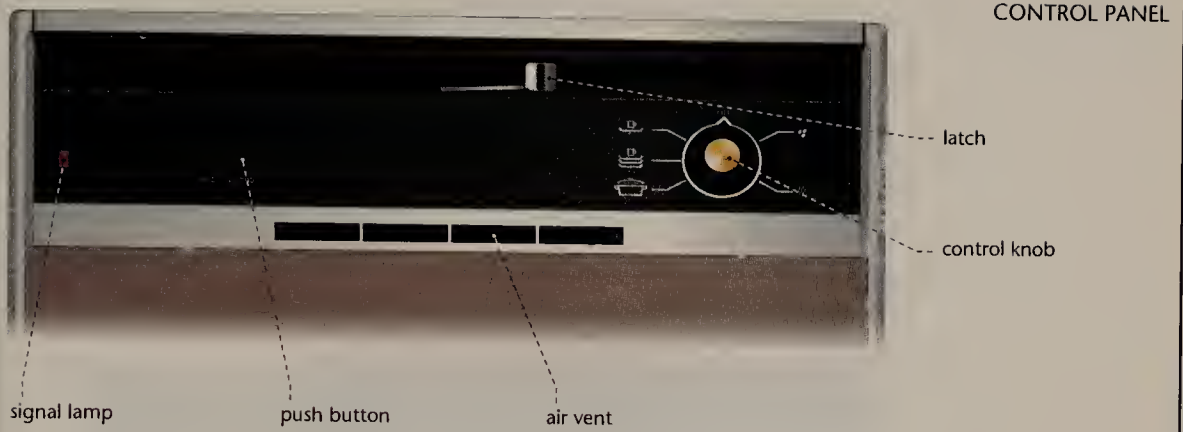
COFFEE MILL



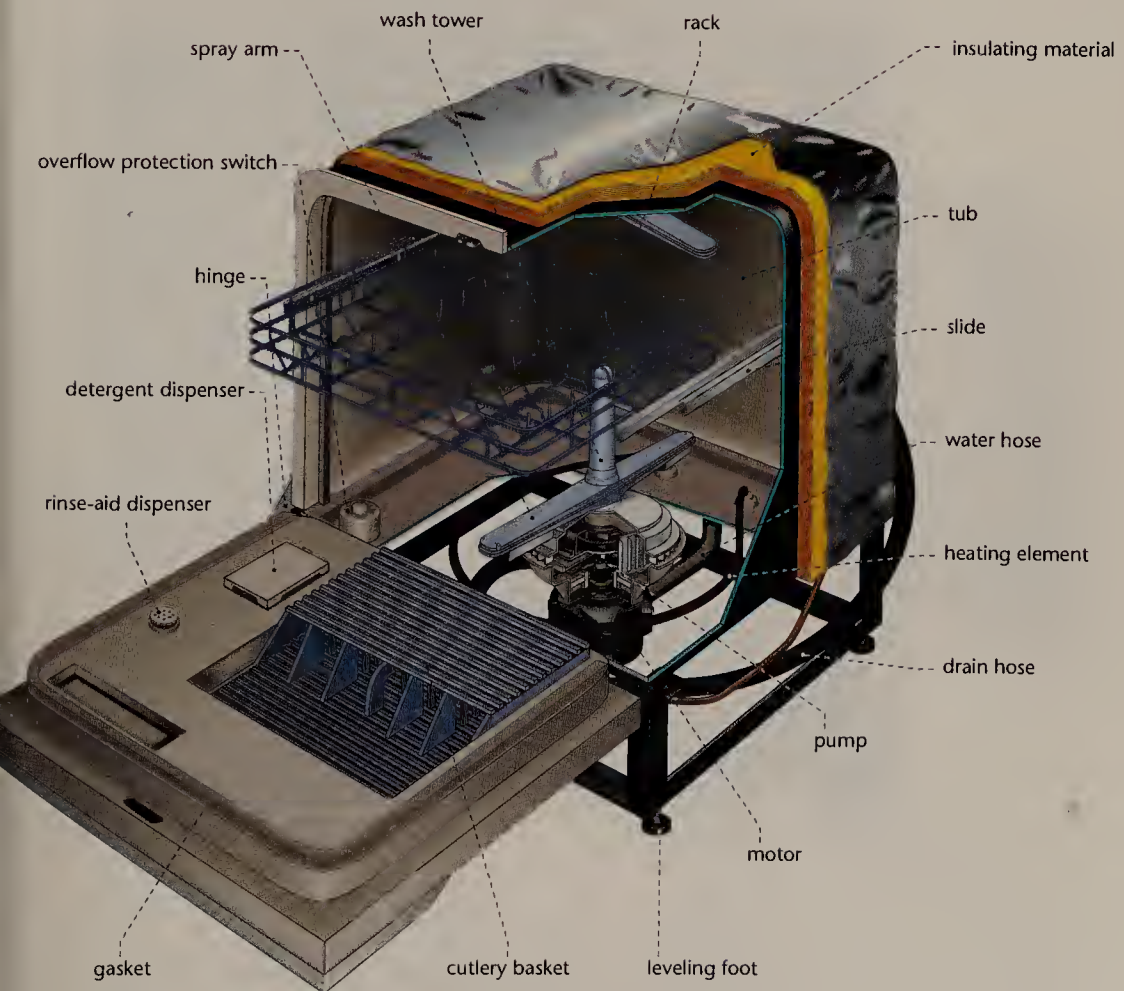
CAN OPENER



DOMESTIC APPLIANCES



DISHWASHER



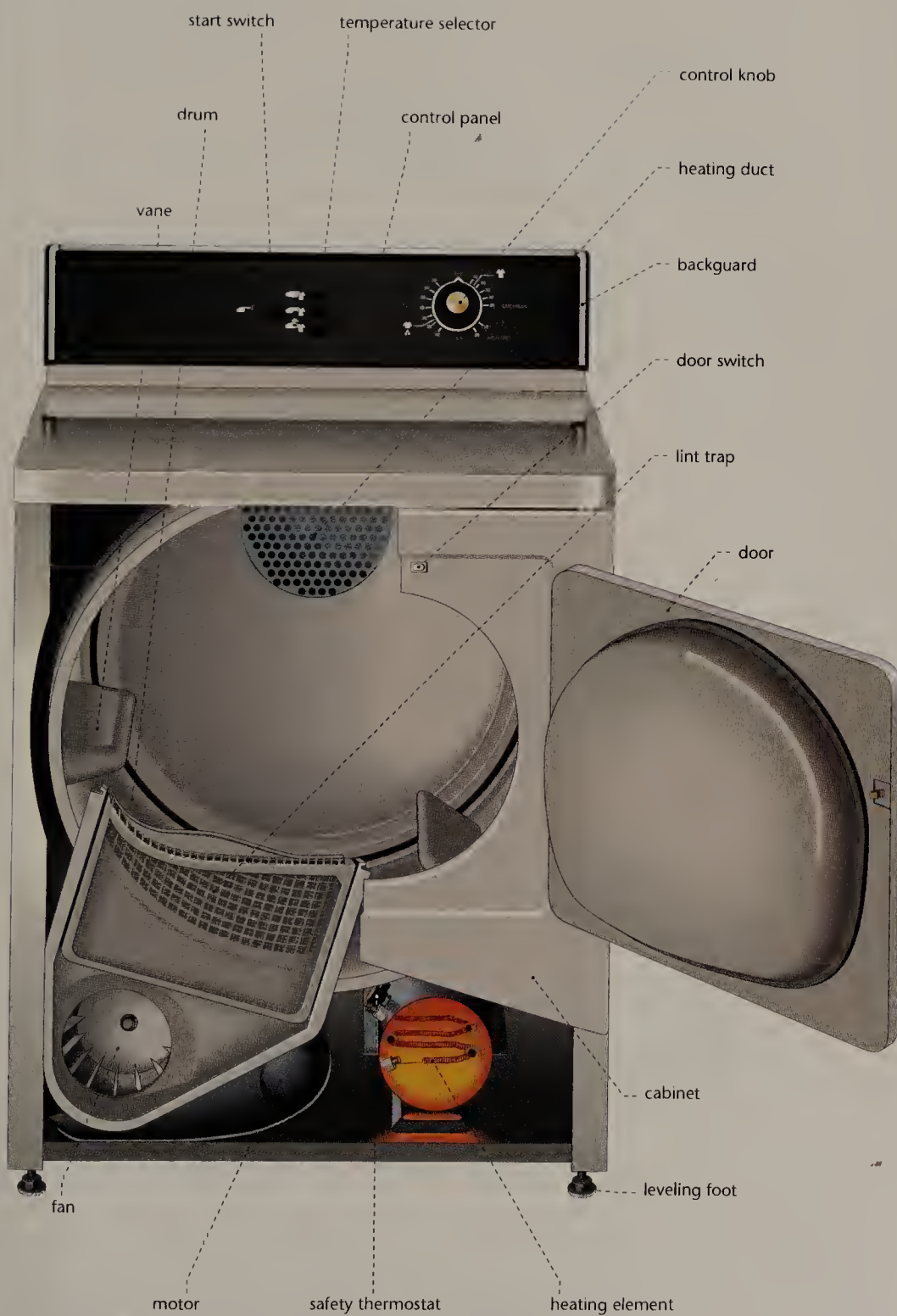
DOMESTIC APPLIANCES

WASHER

HOUSE FURNITURE

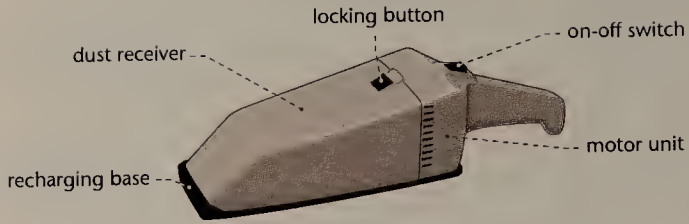


ELECTRIC DRYER

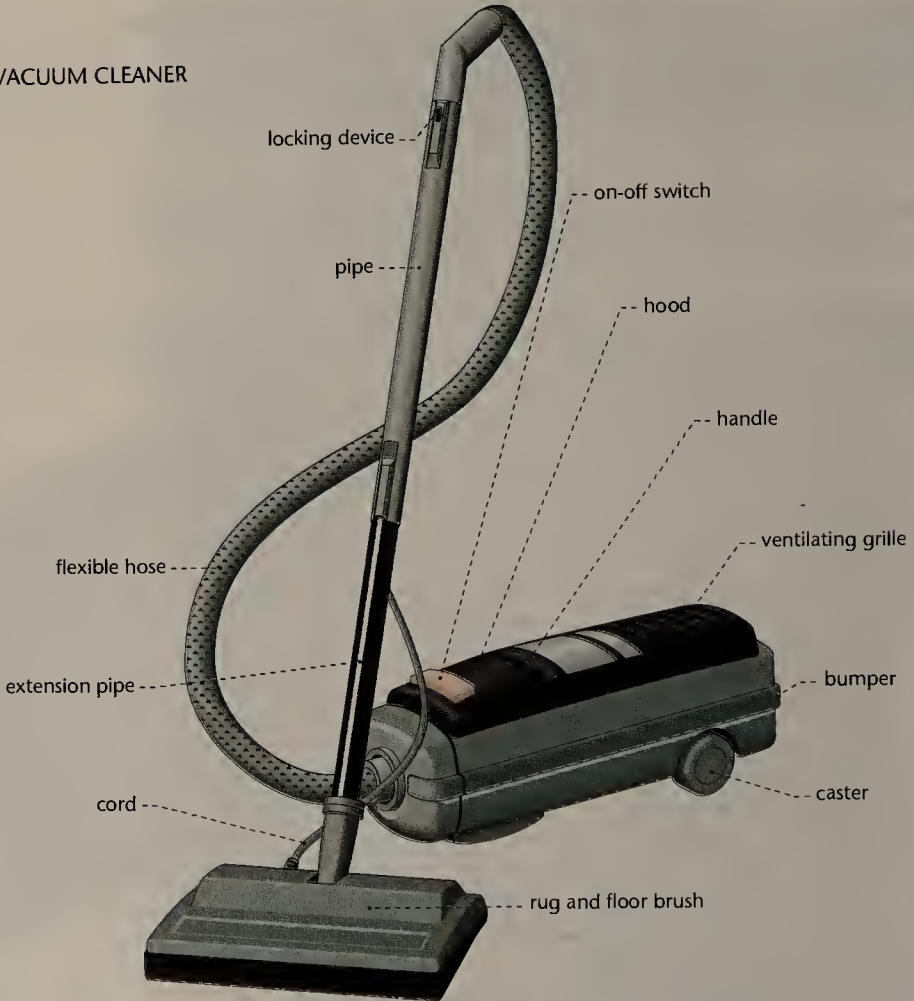


DOMESTIC APPLIANCES

HAND VACUUM CLEANER

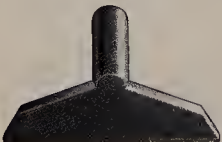


CANISTER VACUUM CLEANER



CLEANING TOOLS

upholstery nozzle



crevice tool



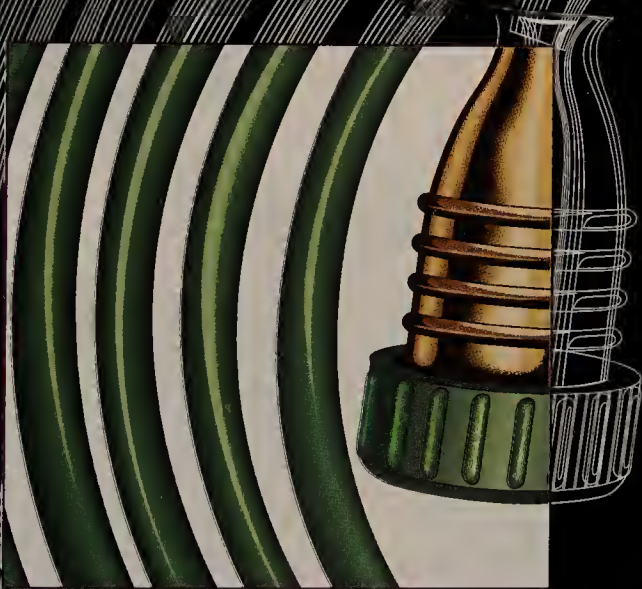
floor brush



dusting brush



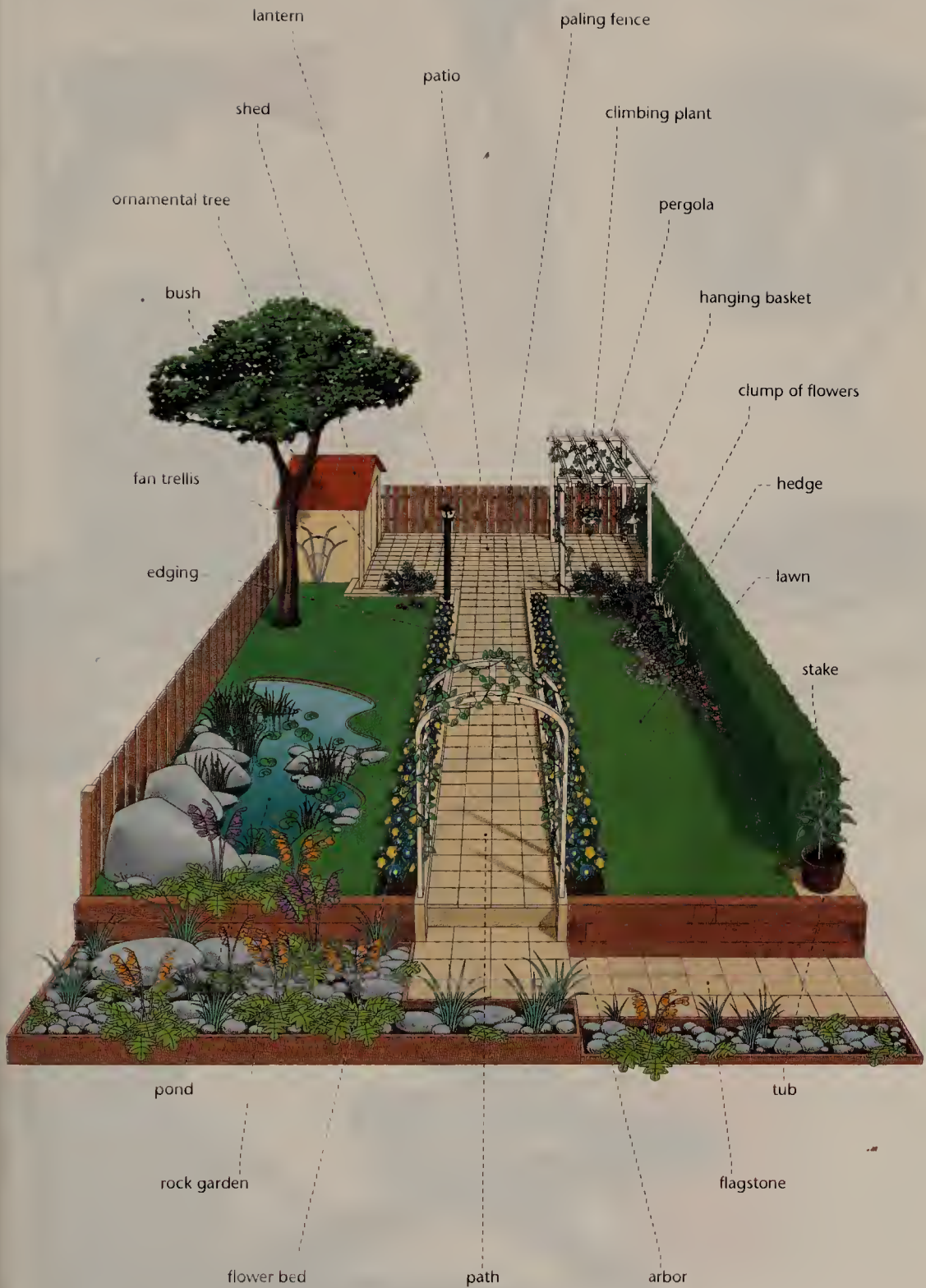
GARDENING



CONTENTS

PLEASURE GARDEN	263
TOOLS AND EQUIPMENT	264

PLEASURE GARDEN



TOOLS AND EQUIPMENT

pistol nozzle



spray nozzle



sprayer



arm

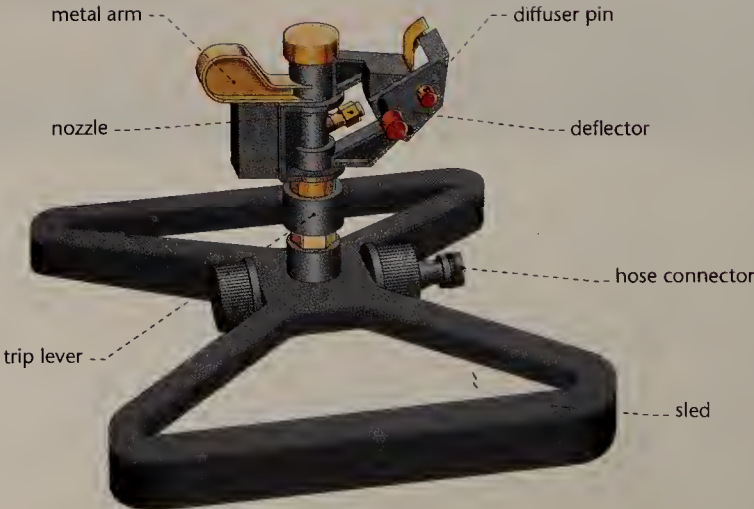


REVOLVING SPRINKLER

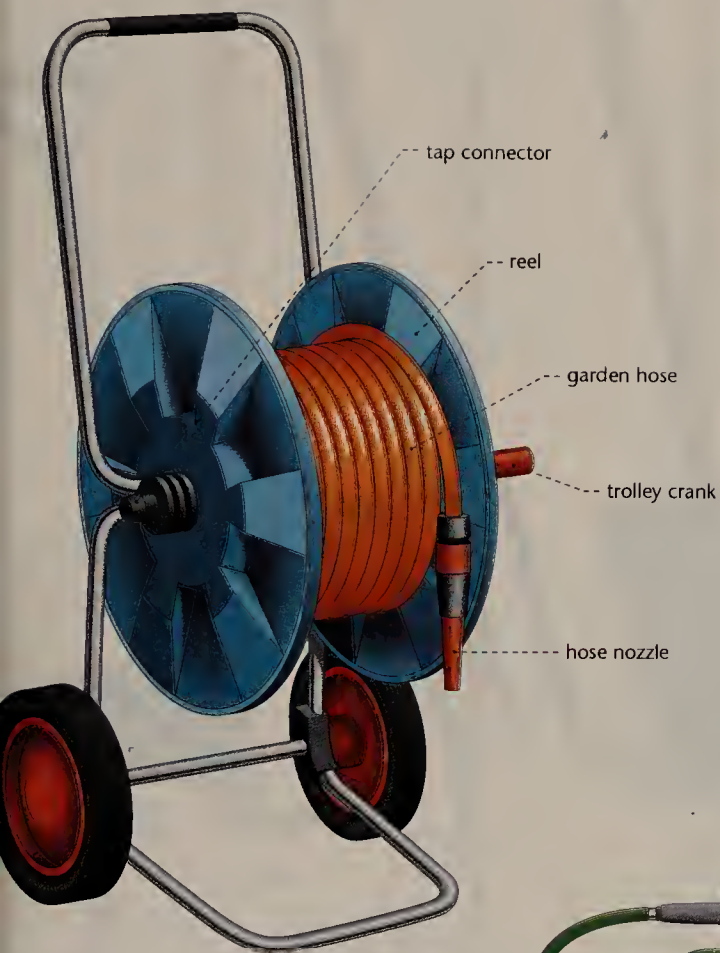
oscillating sprinkler



IMPULSE SPRINKLER



HOSE TROLLEY



sprinkler hose



tank sprayer



WATERING CAN





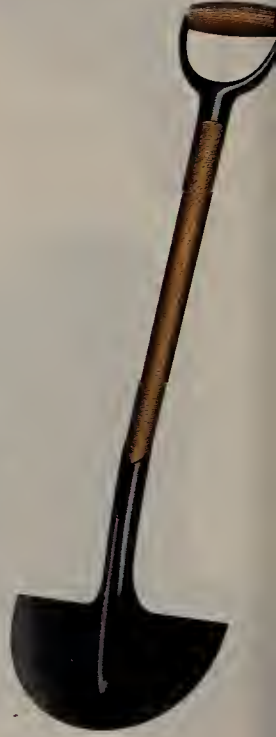
shovel



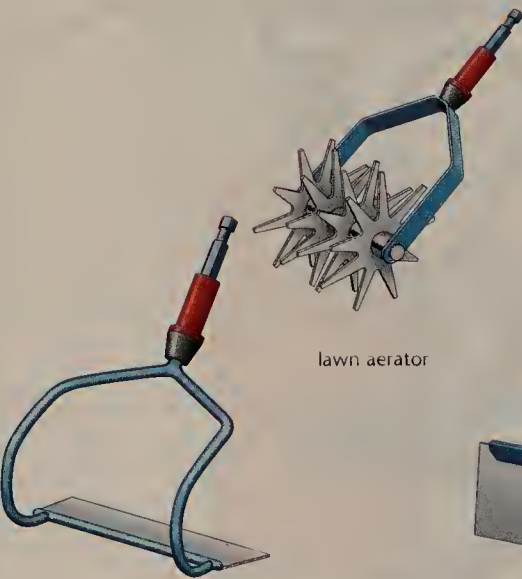
spade



spading fork



lawn edger



lawn aerator



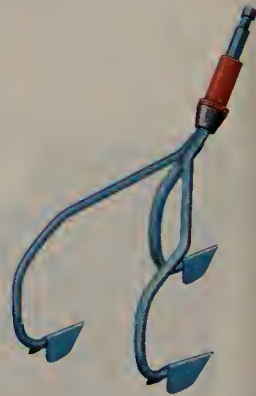
hoe-fork



scuffle hoe



draw hoe



weeding hoe



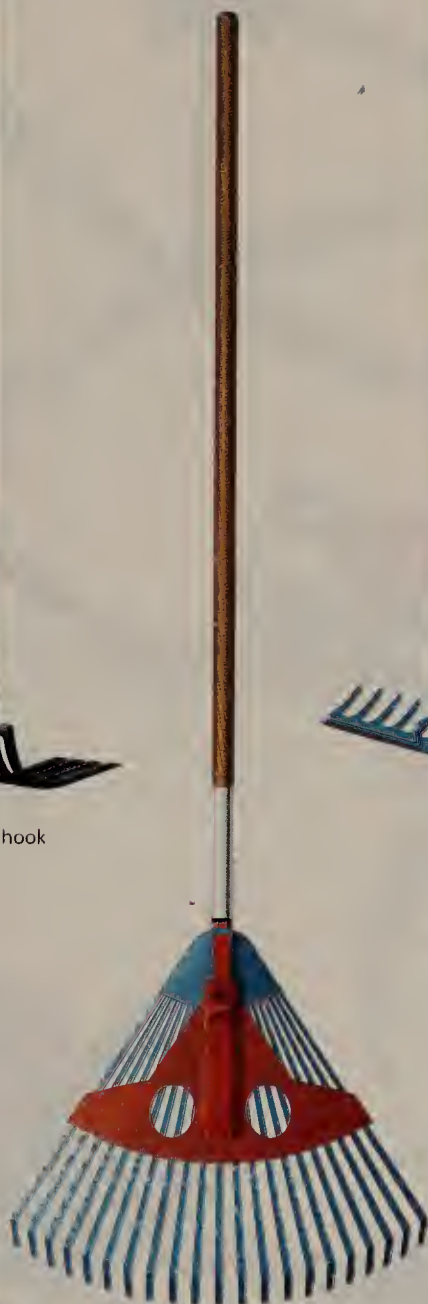
hook



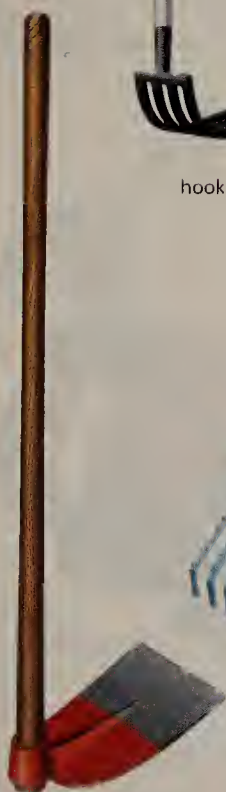
rake



scythe



lawn rake



hoe



pick

TOOLS AND EQUIPMENT



hand fork



weeder



trowel



small hand cultivator



seeder



garden line

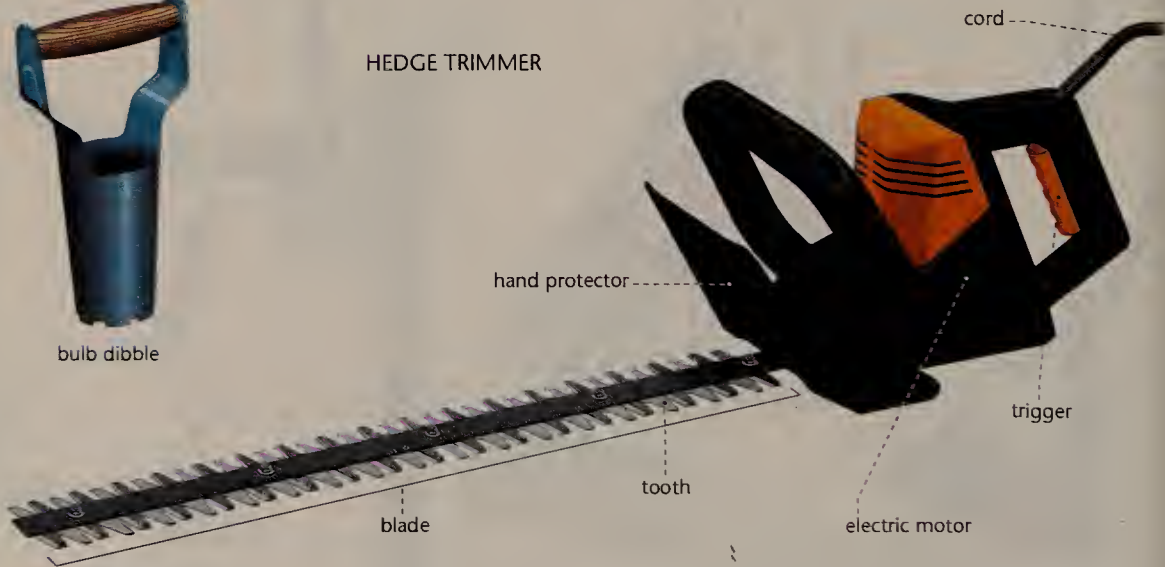


dibble



bulb dibble

HEDGE TRIMMER



cord

hand protector

trigger

electric motor

tooth

blade



lopping shears



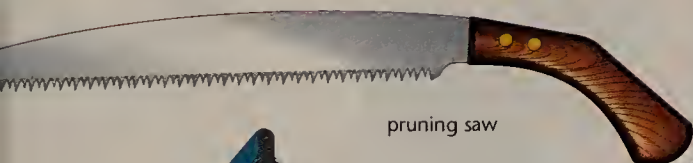
hedge shears



grafting knife



pruning shears



pruning saw



sickle



pruning knife



tree pruner



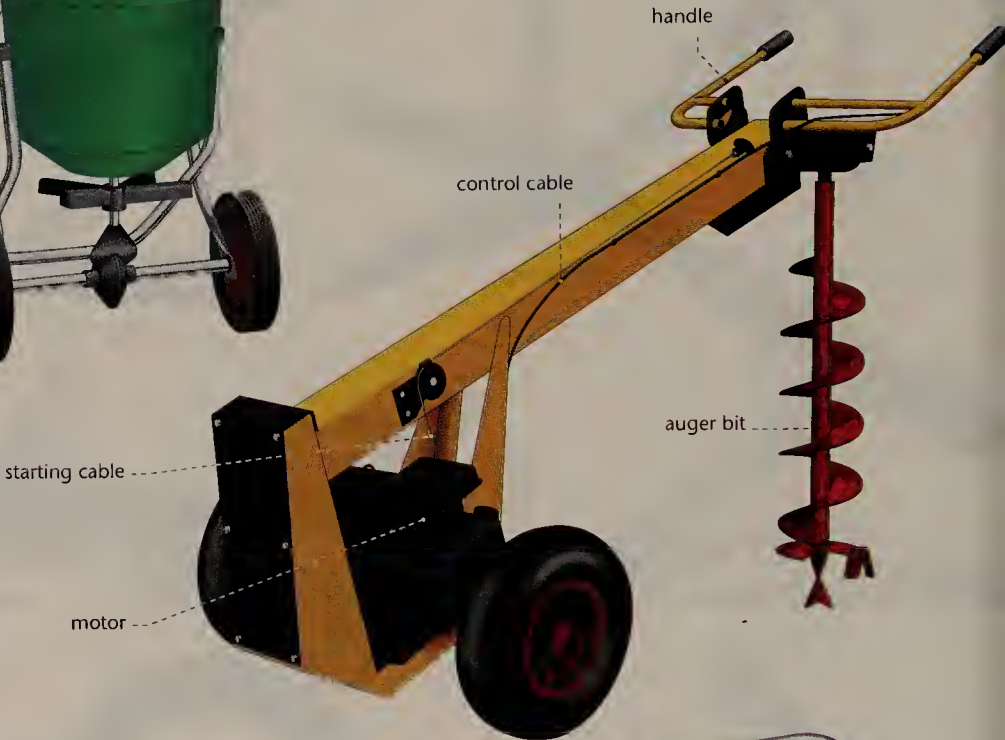
billhook

TOOLS AND EQUIPMENT



spreader

MOTORIZED EARTH AUGER



handle

control cable

auger bit

starting cable

motor

WHEELBARROW



tray

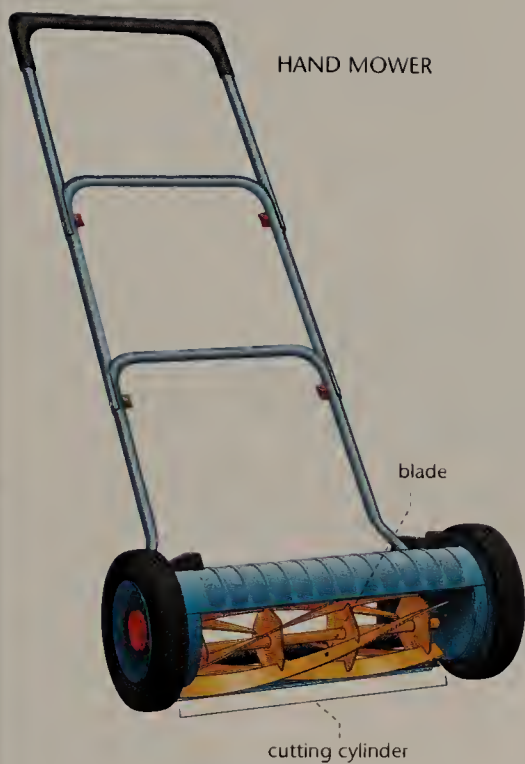
handle

leg

wheel



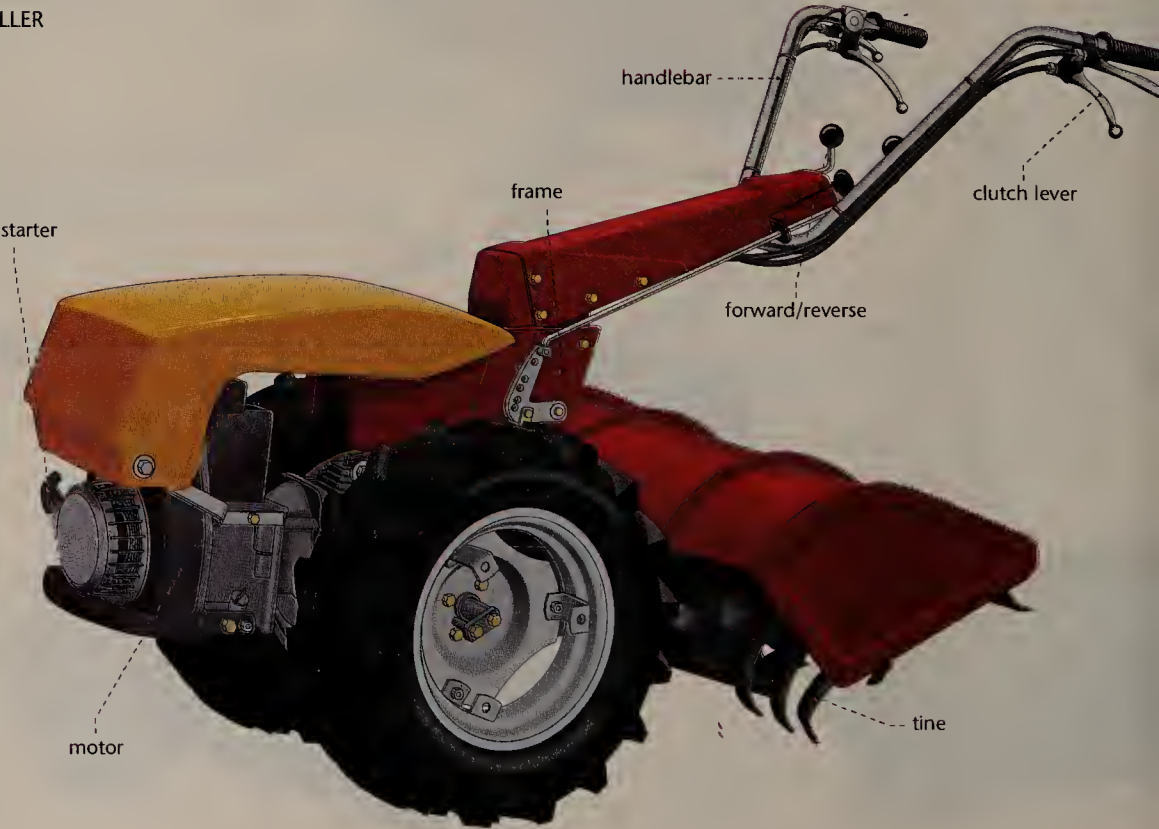
roller



CHAINSAW



TILLER



DO-IT-YOURSELF



CONTENTS

CARPENTRY: TOOLS.....	275
BUILDING MATERIALS.....	286
LOCK	289
MASONRY.....	291
PLUMBING: BATHROOM	292
PLUMBING.....	294
LADDERS AND STEPLADDERS	302
PAINTING UPKEEP.....	304
SOLDERING AND WELDING	305
ELECTRICITY.....	309

CARPENTRY: TOOLS

CLAW HAMMER



wood chisel



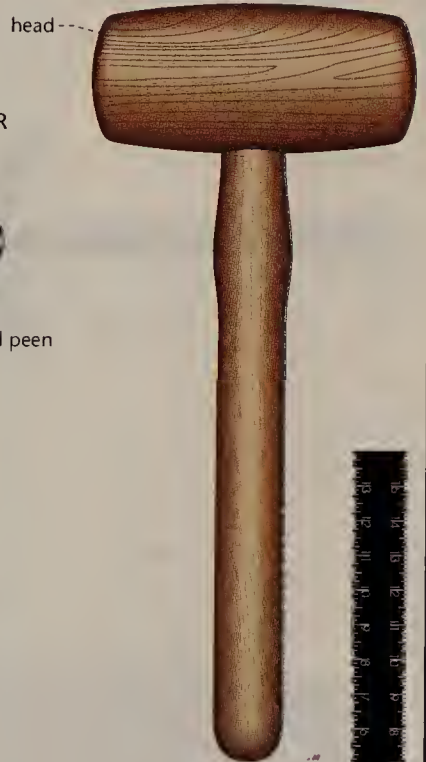
carpenter's hammer



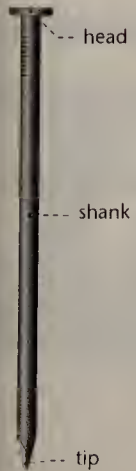
BALL-PEN HAMMER



MALLET



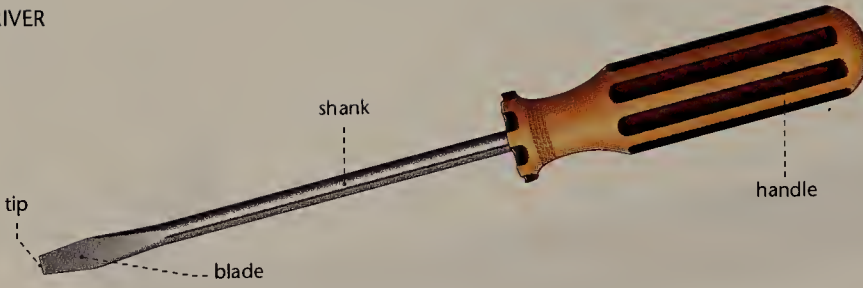
NAIL



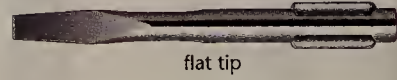
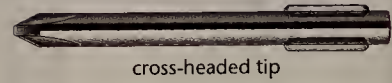
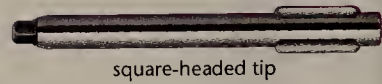
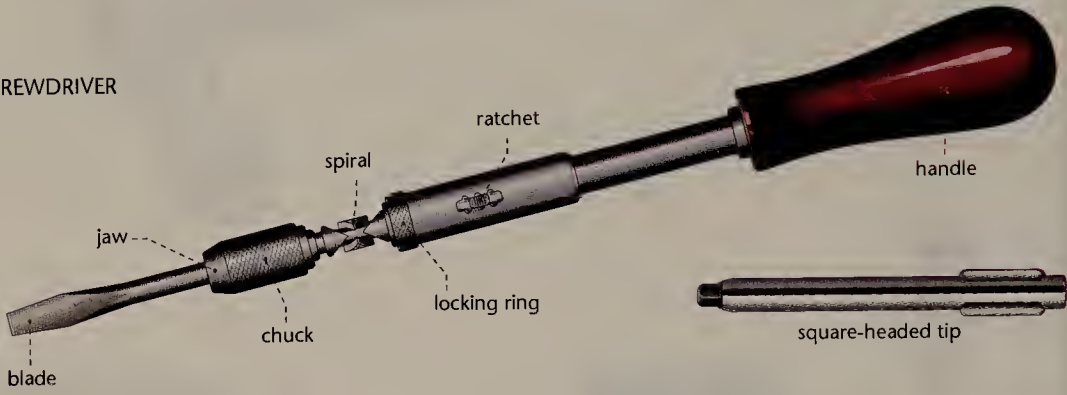
framing square



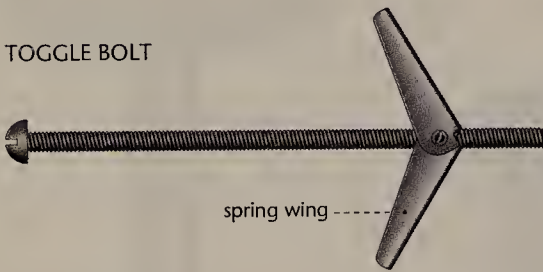
SCREWDRIVER



SPIRAL SCREWDRIVER



TOGGLE BOLT

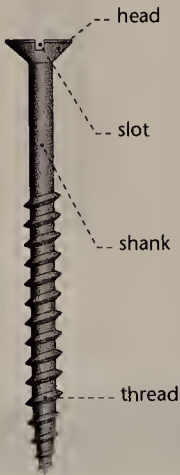


expansion bolt



TYPES OF HEADS

SCREW



flat head



socket head



cross head



one way head



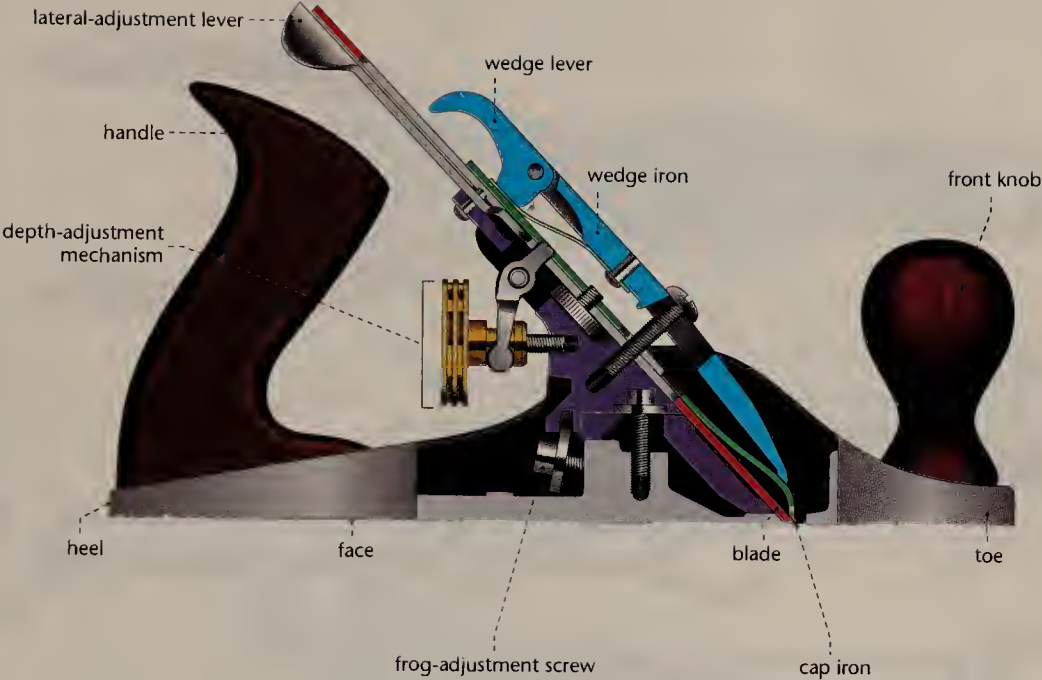
round head



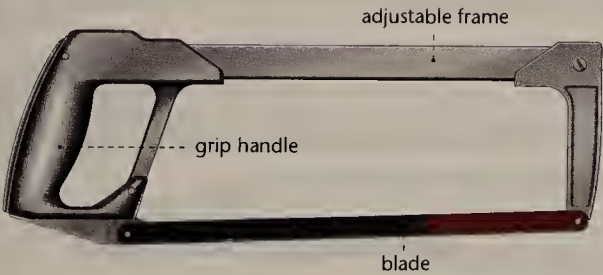
oval head



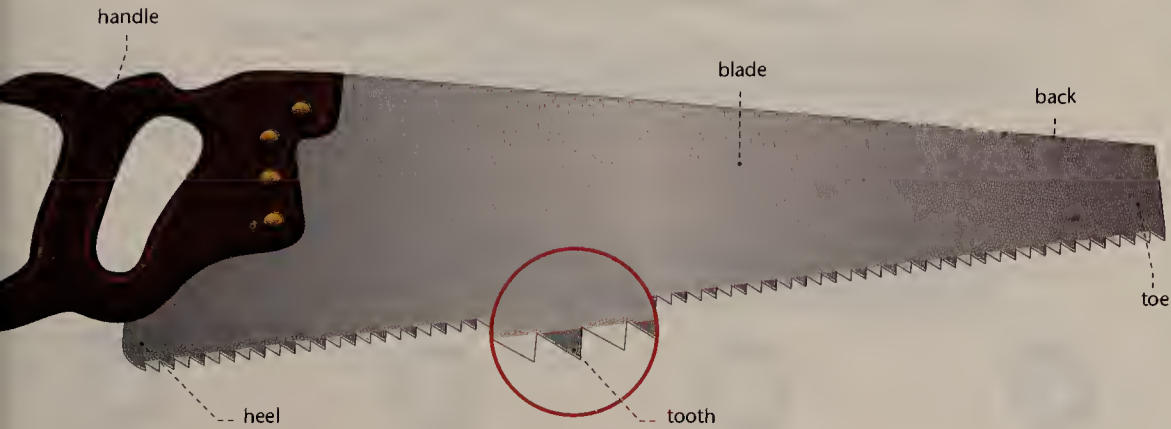
PLANE



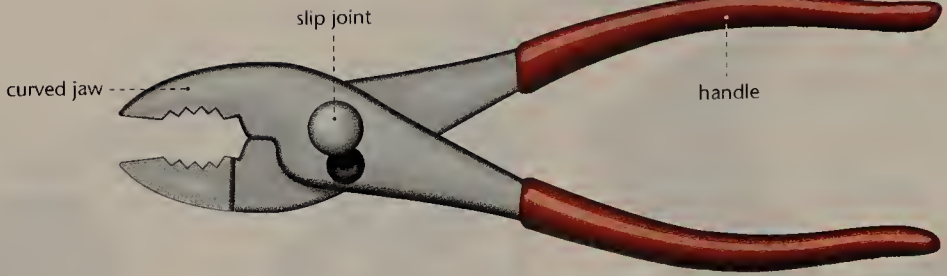
HACKSAW



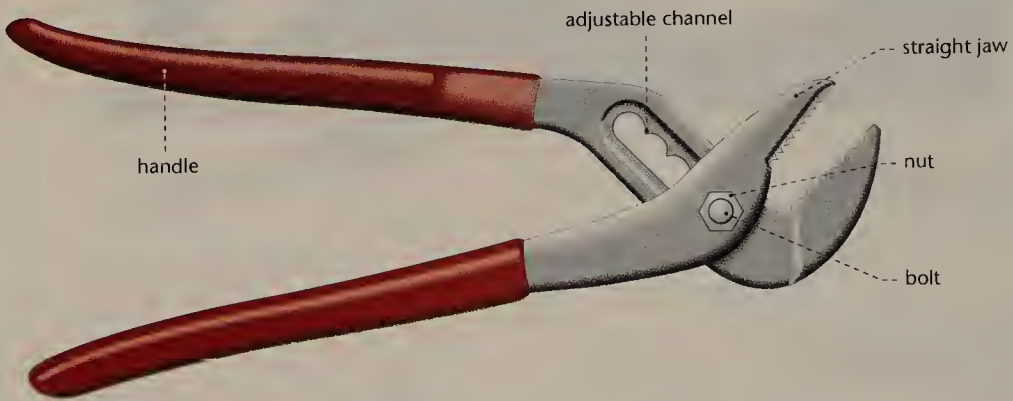
HANDSAW



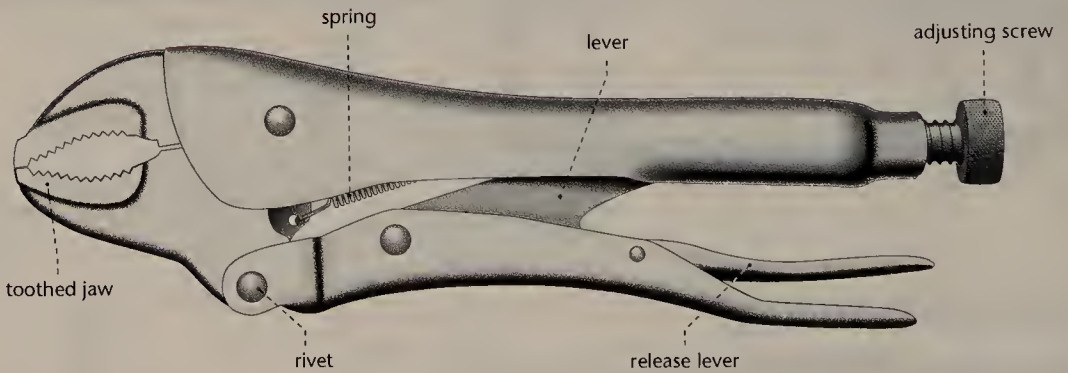
SLIP JOINT PLIERS



RIB JOINT PLIERS



LOCKING PLIERS



WASHERS

flat washer



lock washer



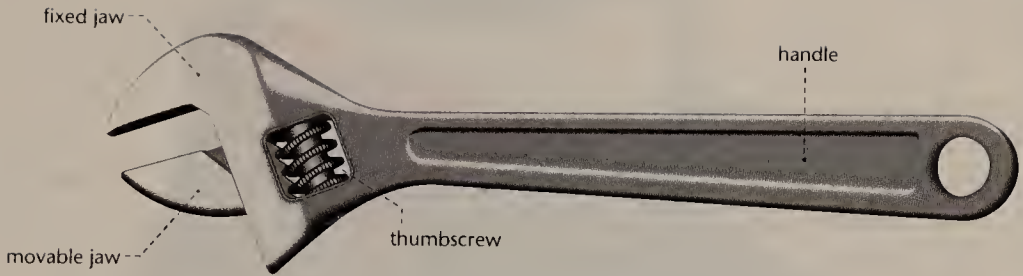
internal tooth lock washer



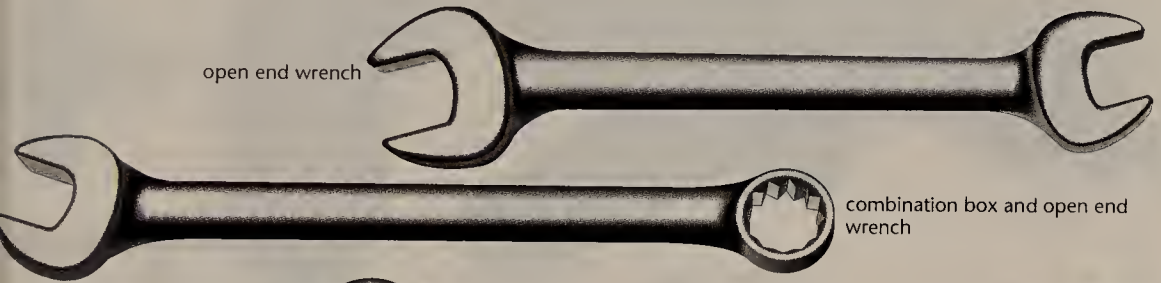
external tooth lock washer



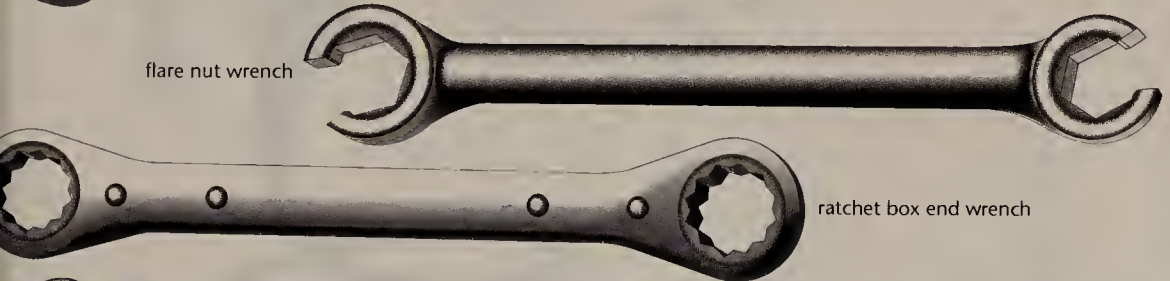
CRESCENT WRENCH



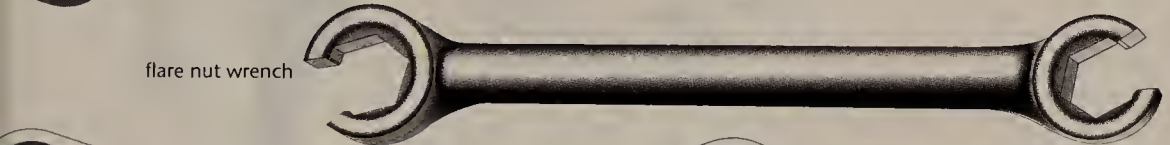
open end wrench



combination box and open end wrench



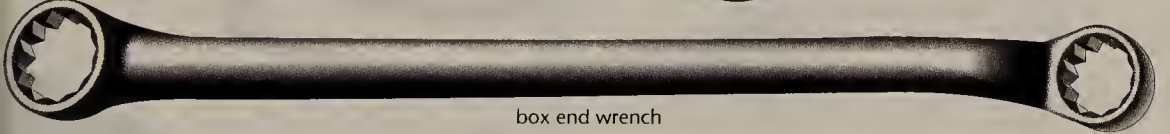
flare nut wrench



ratchet box end wrench



box end wrench



nut



acorn nut

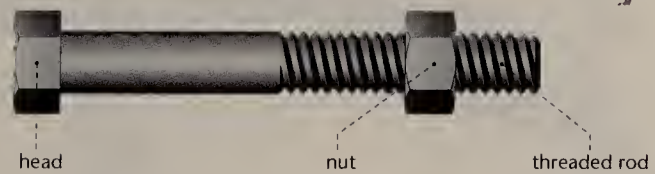


wing nut

SHOULDER BOLT



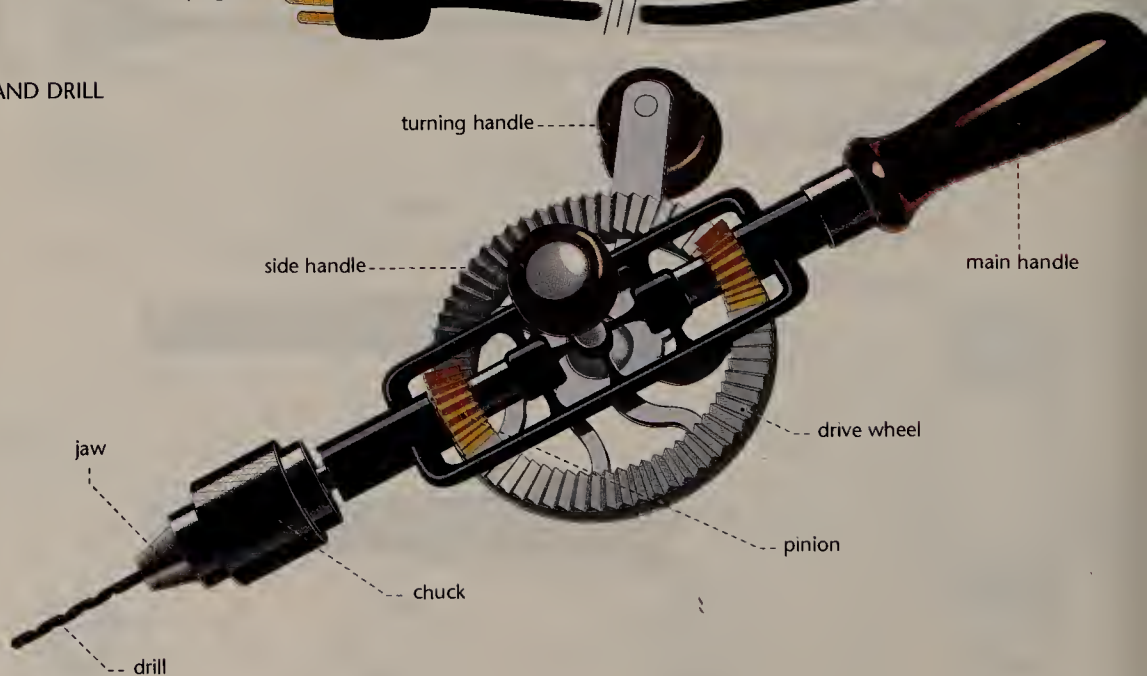
BOLT



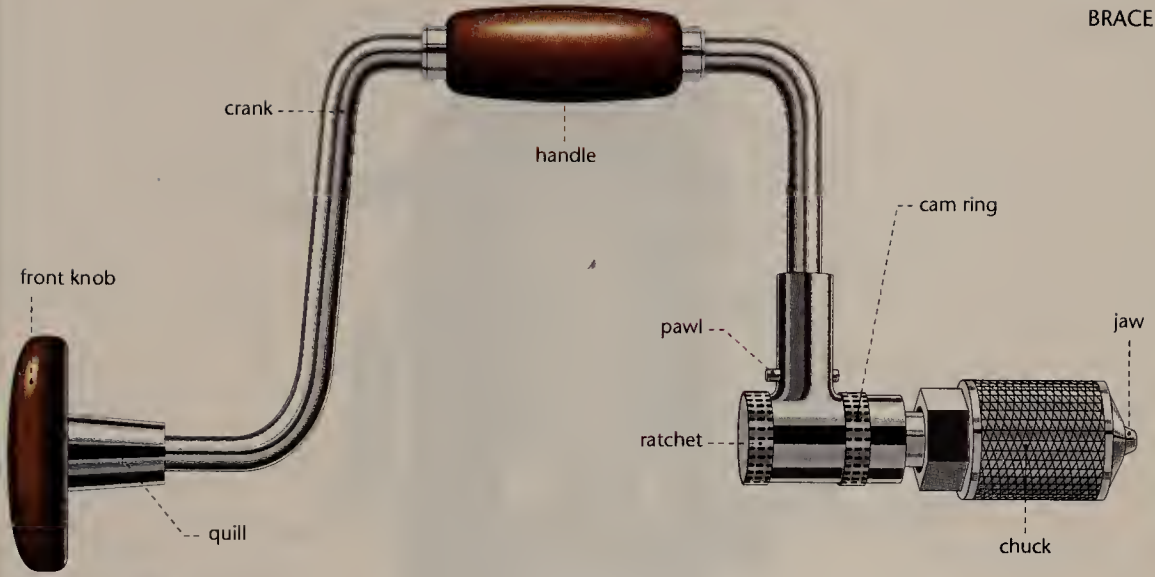
ELECTRIC DRILL



HAND DRILL



BRACE

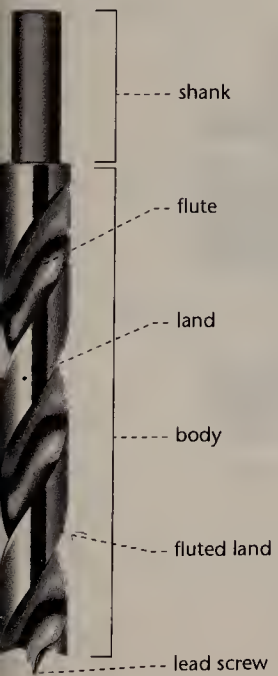


AUGER BIT

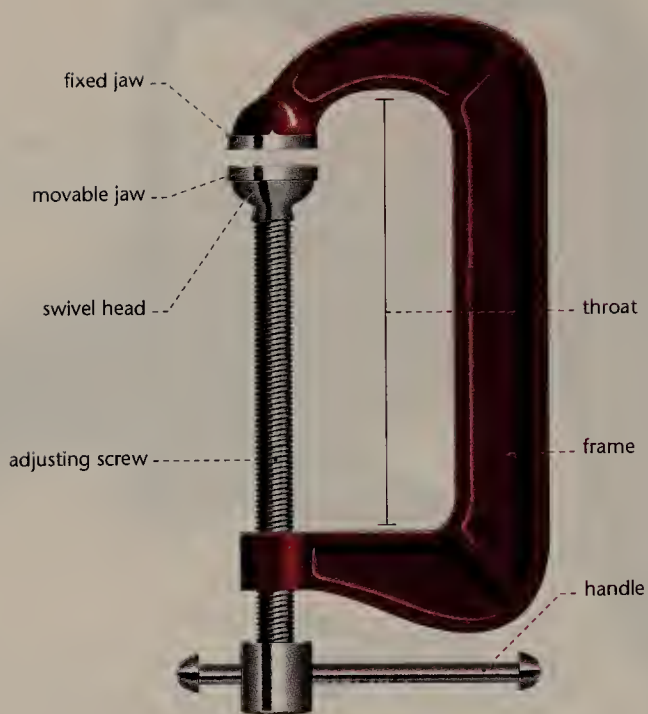
double-twist auger bit



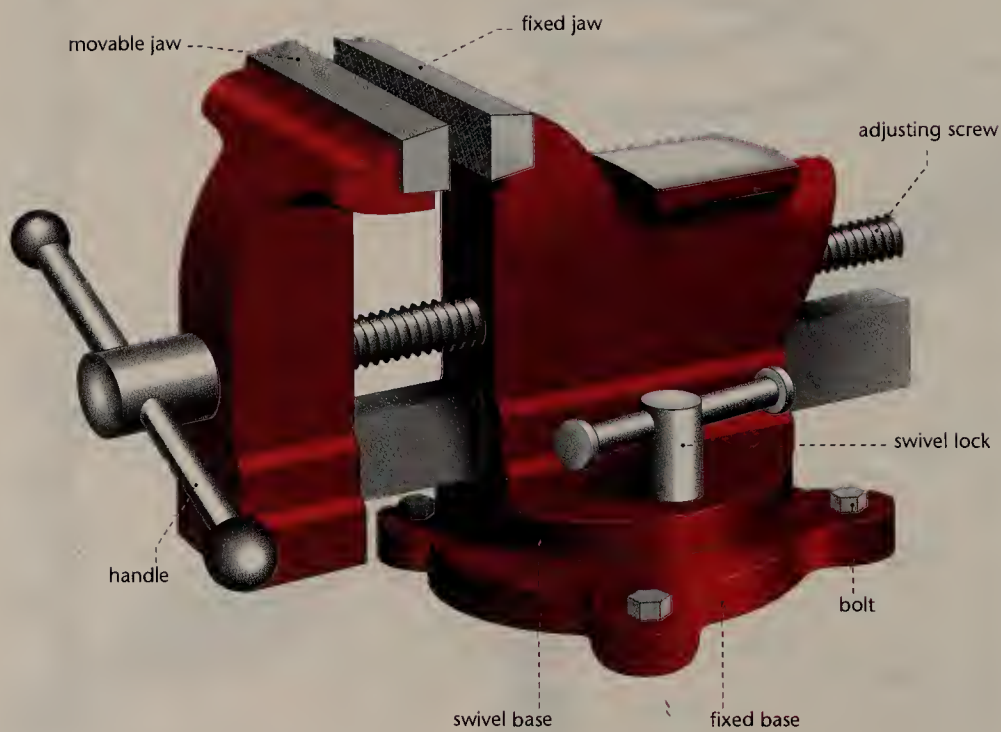
TWIST DRILL



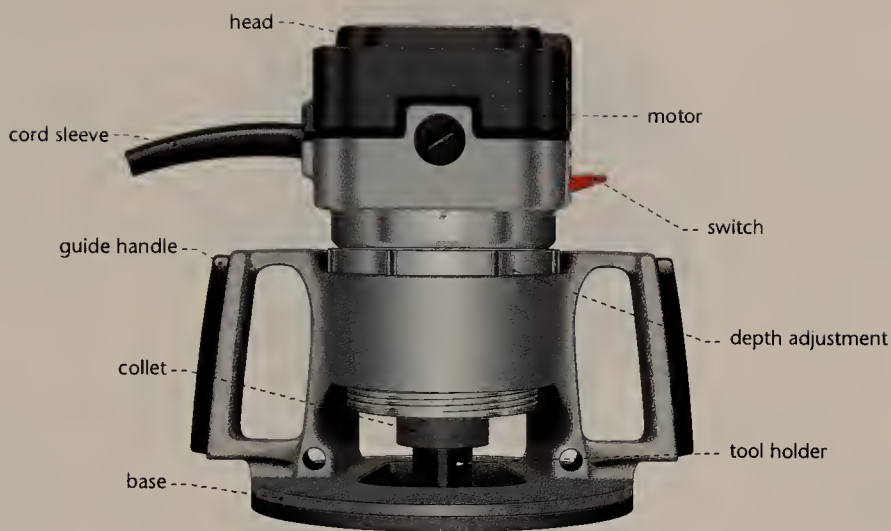
C-CLAMP



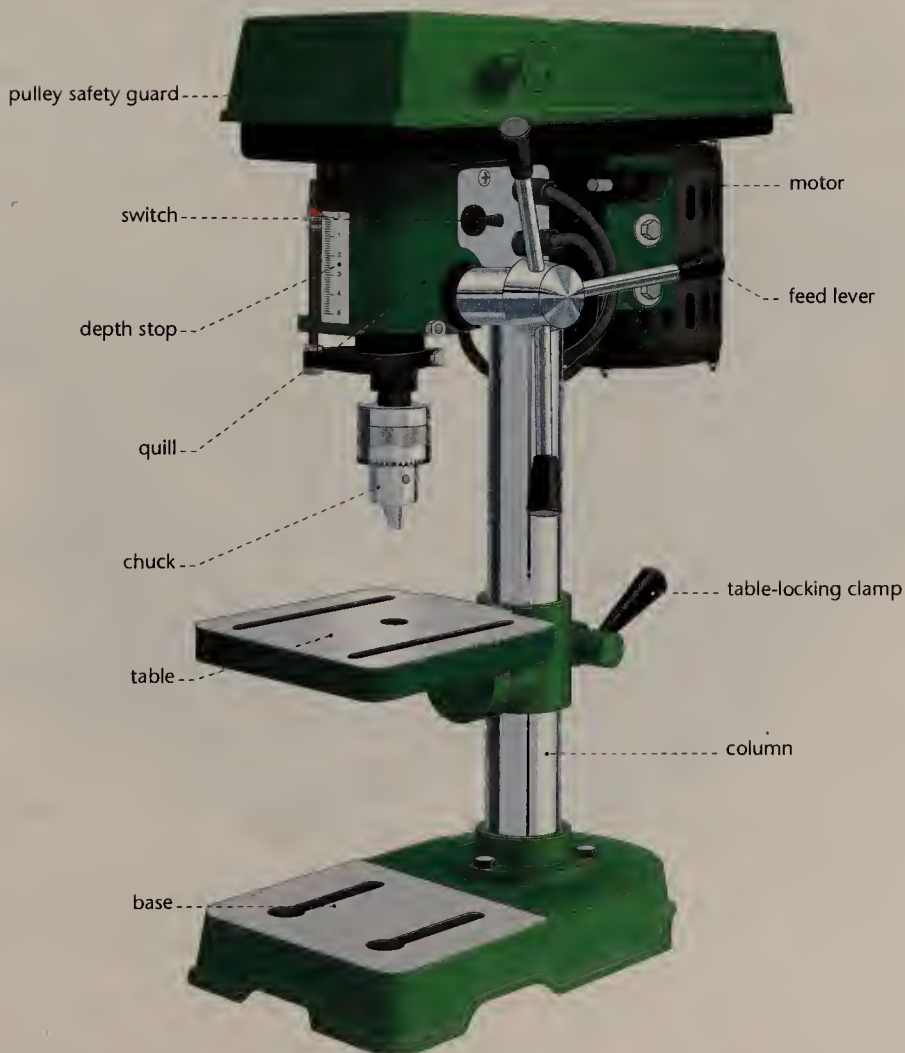
WISE



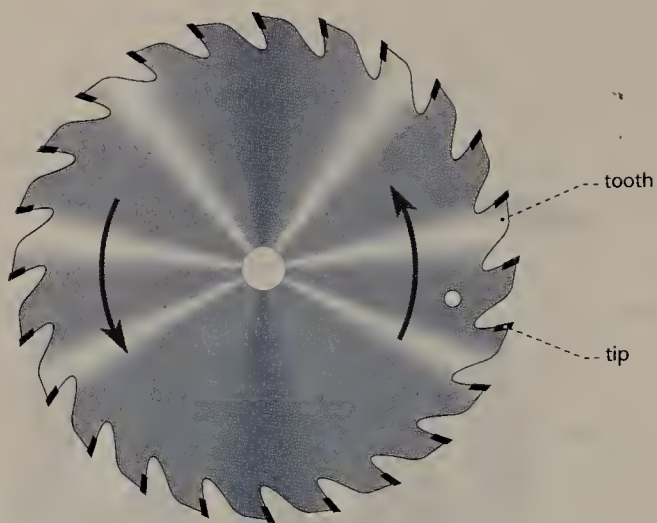
ROUTER



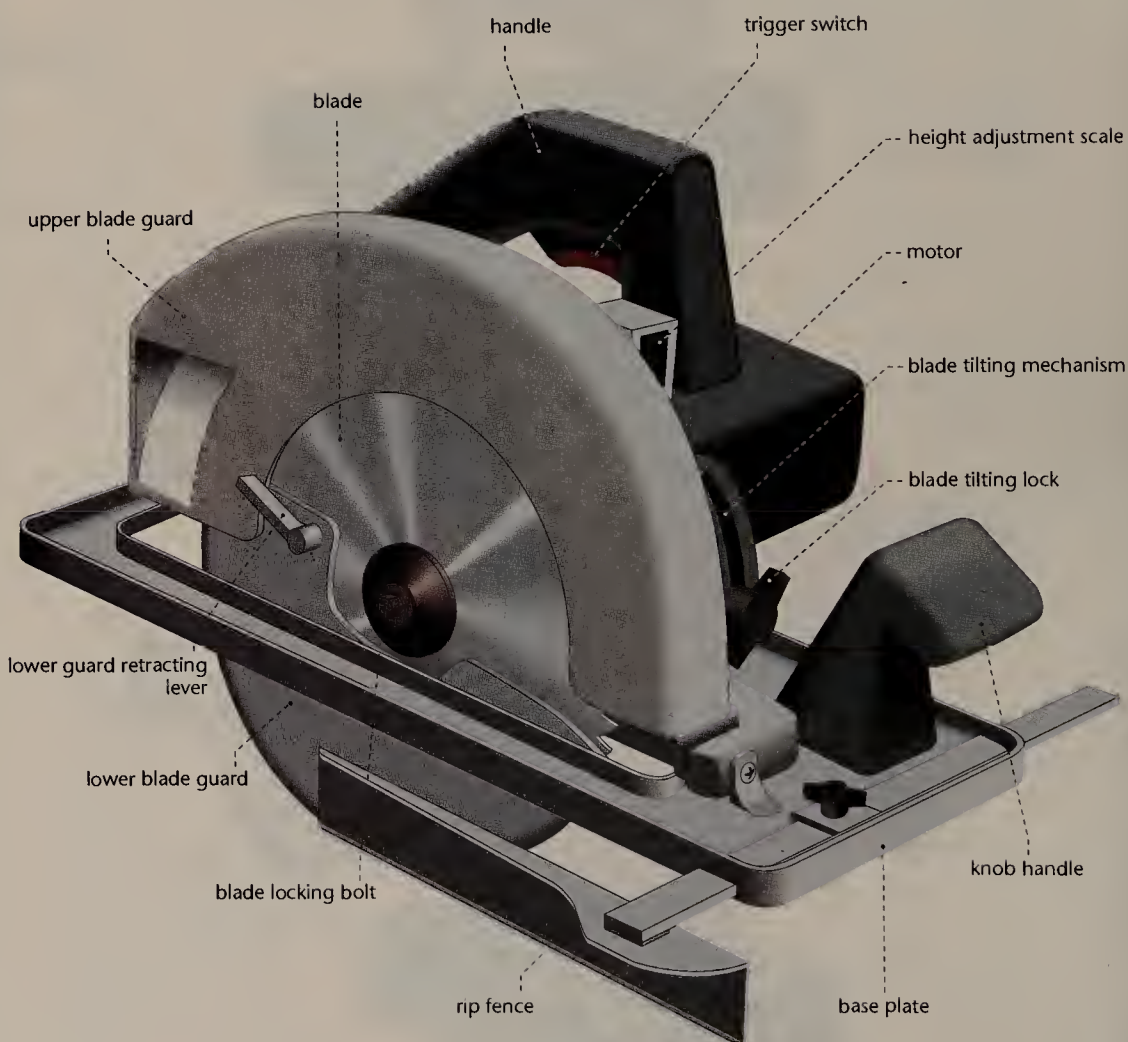
DRILL PRESS

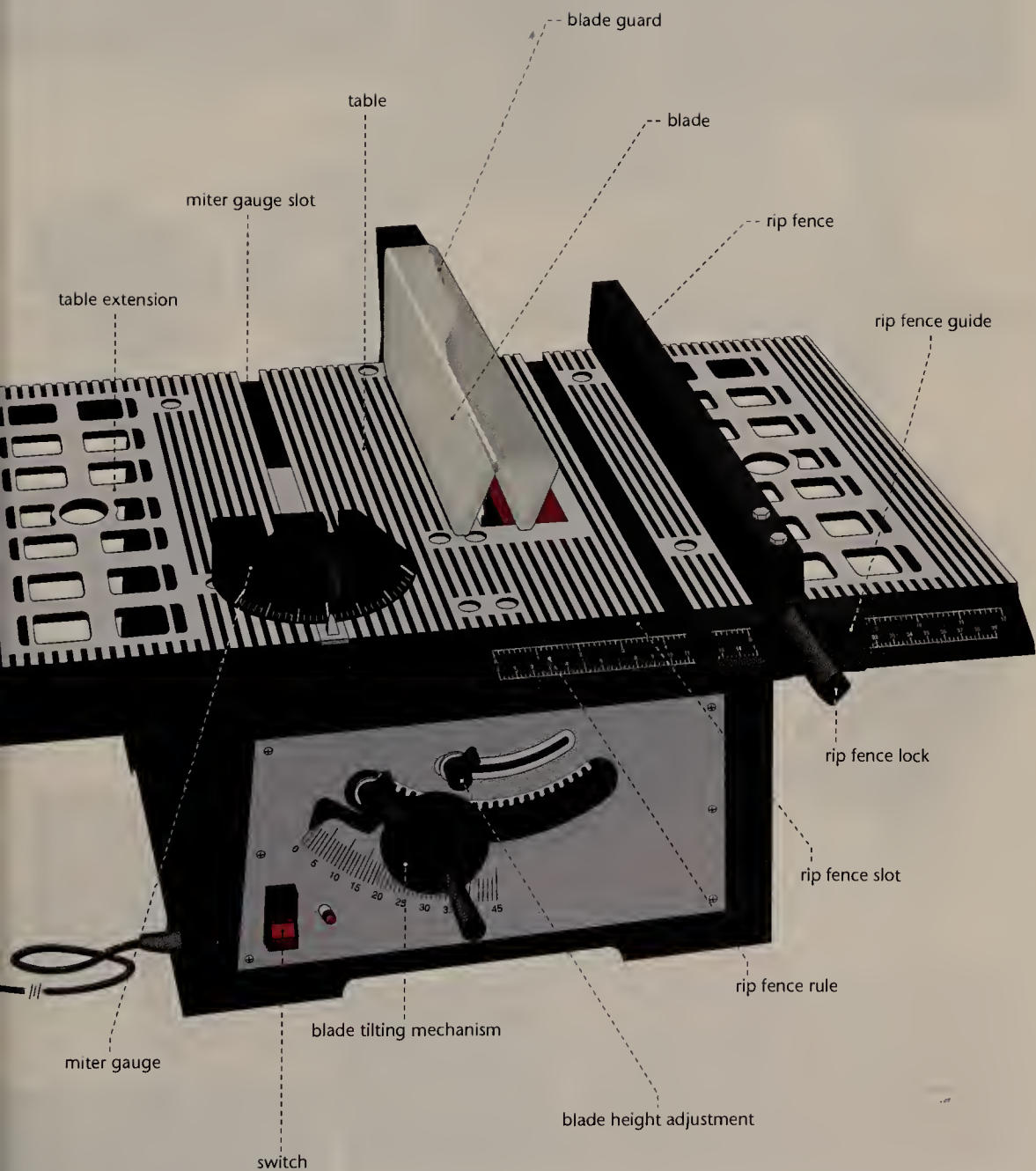


CIRCULAR SAW BLADE



CIRCULAR SAW





BASIC BUILDING MATERIALS



brick



steel



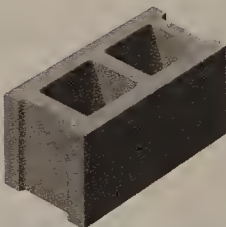
stone



prestressed concrete

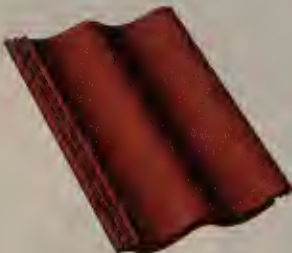


reinforced concrete



concrete block

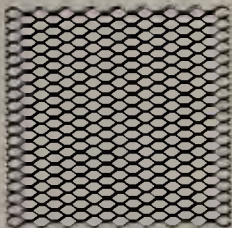
COVERING MATERIALS



tile



tar paper



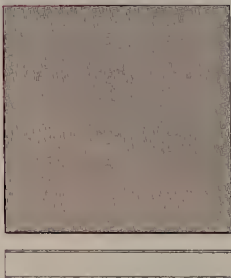
diamond mesh metal lath



shingle



gypsum tile



plain gypsum lath



floor tile



asphalt shingle

INSULATING MATERIALS



spring-metal insulation



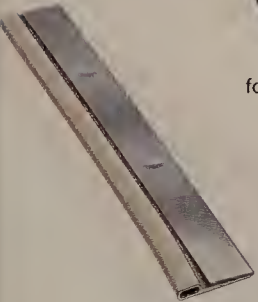
foam insulation



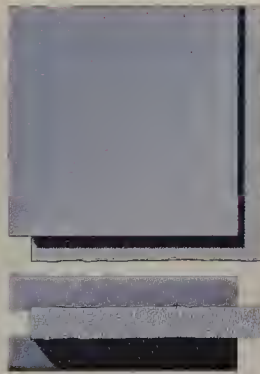
molded insulation



foam-rubber insulation



vinyl insulation



board insulation



pipe-wrapping insulation



loose fill insulation



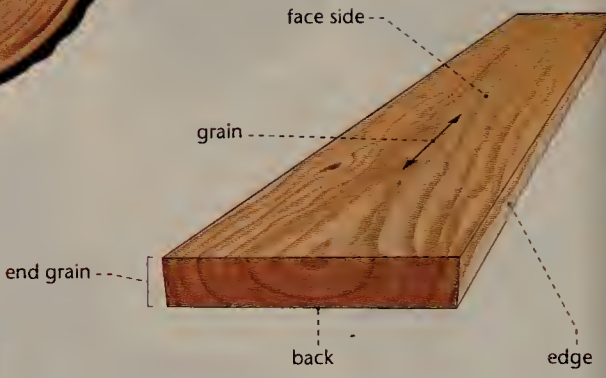
blanket insulation

WOOD

SECTION OF A LOG

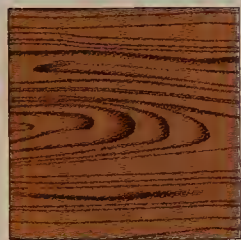


BOARD

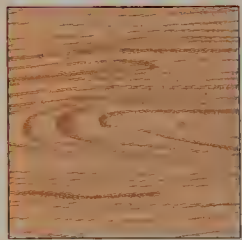


DO-IT-YOURSELF

WOOD-BASED MATERIALS

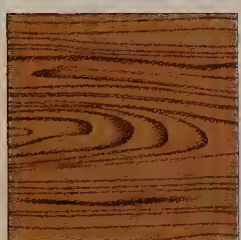


blockboard



multi-ply plywood

ply



laminboard



waferboard



peeled veneer

WOOD-BASED MATERIALS



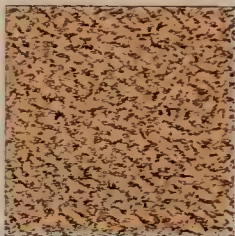
hardboard



perforated hardboard



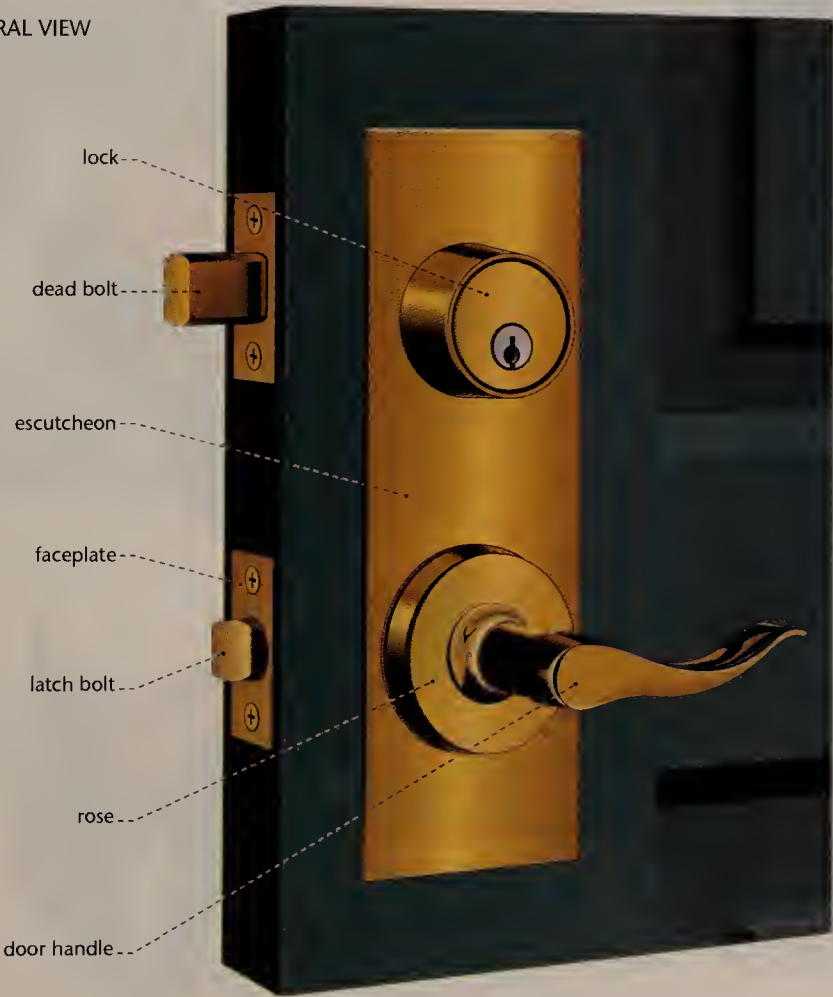
plastic-laminated particle board



particle board

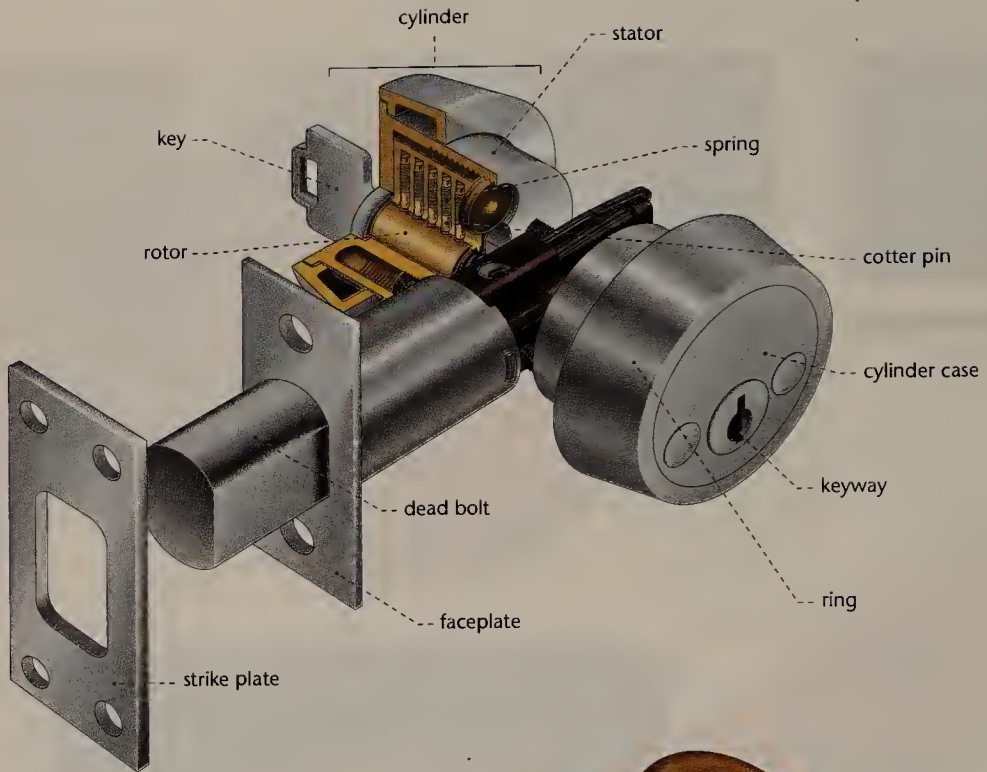
LOCK

GENERAL VIEW

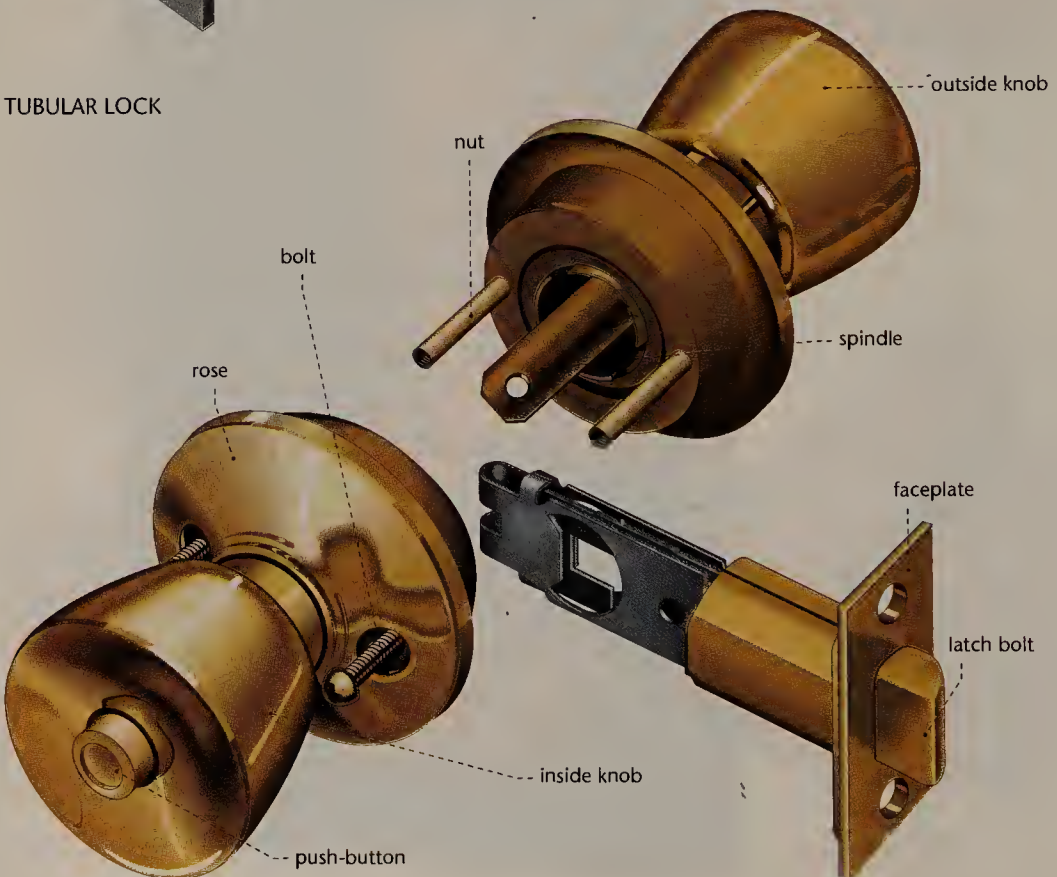


LOCK

MORTISE LOCK

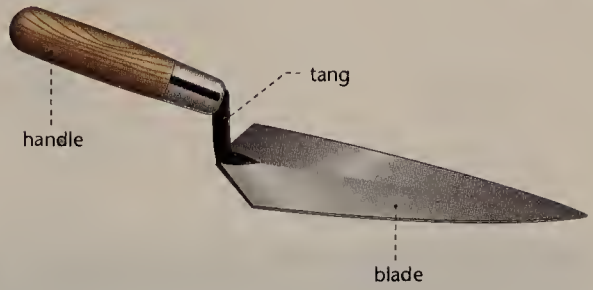


TUBULAR LOCK



MASONRY

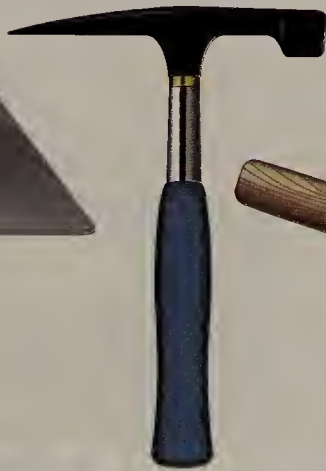
MASON'S TROWEL



square trowel



bricklayer's hammer



hawk



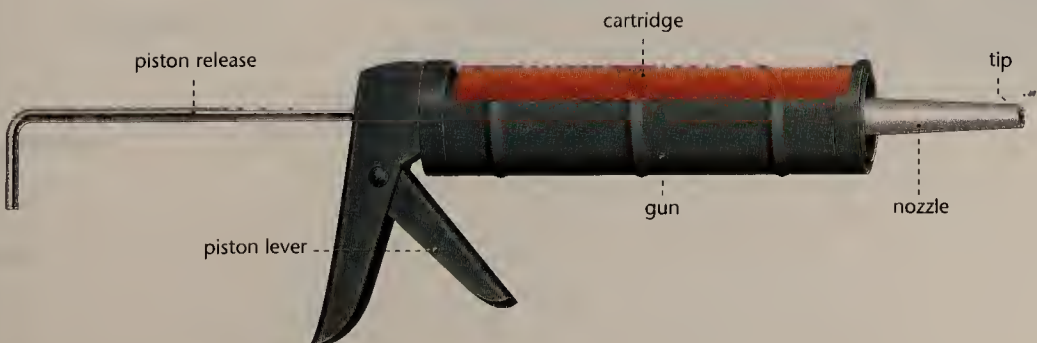
joint filler



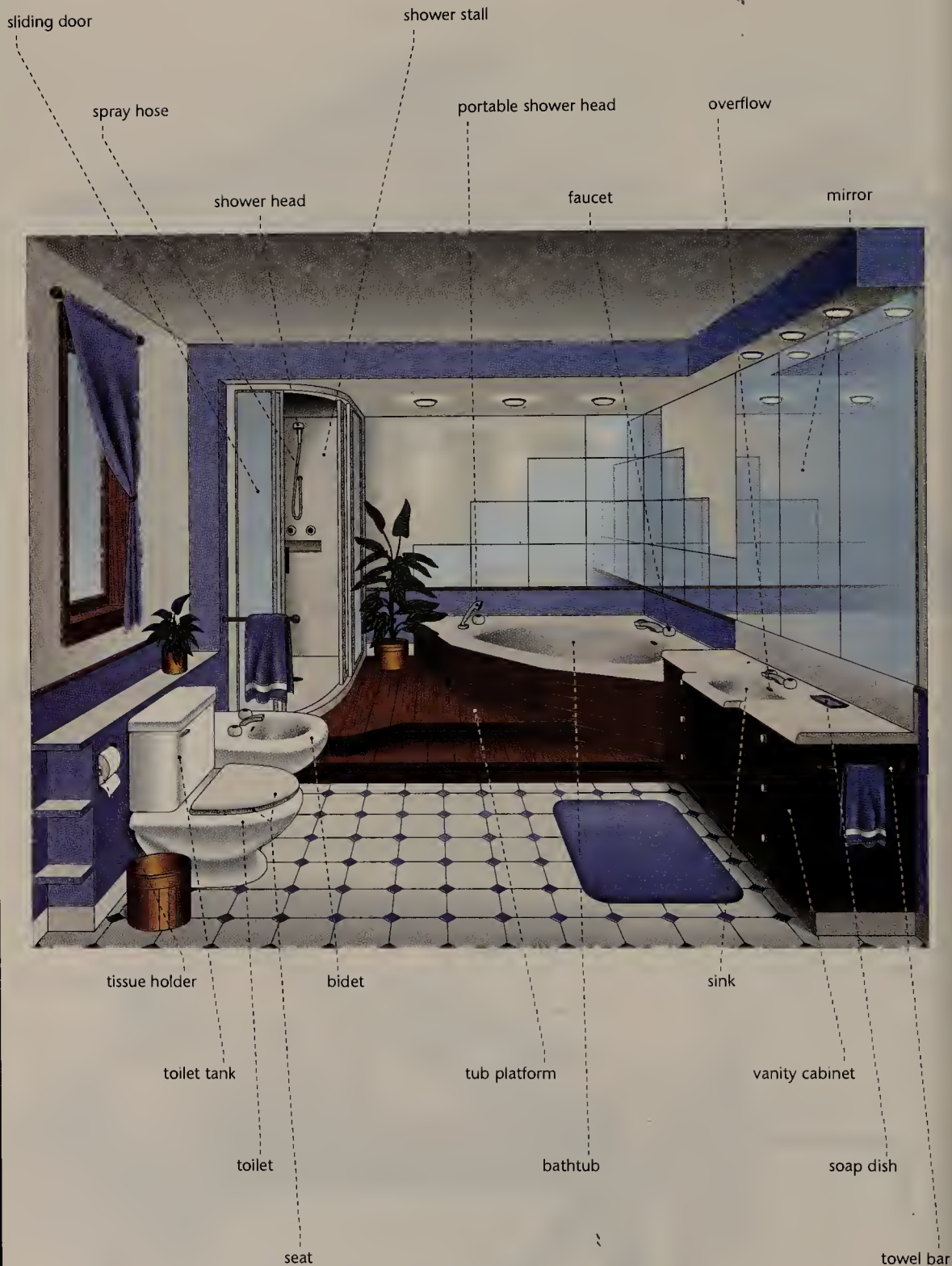
spirit level

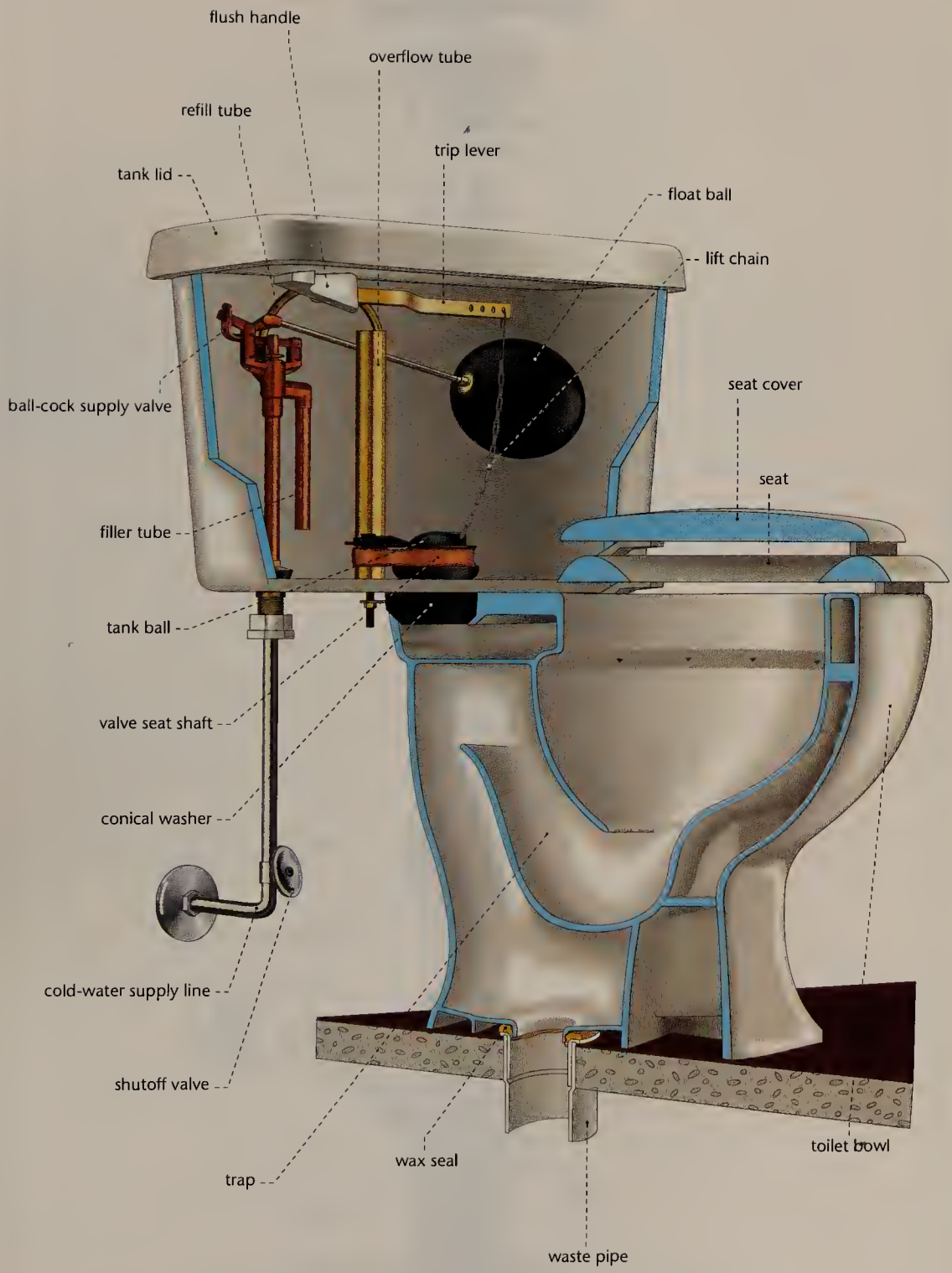


CAULKING GUN

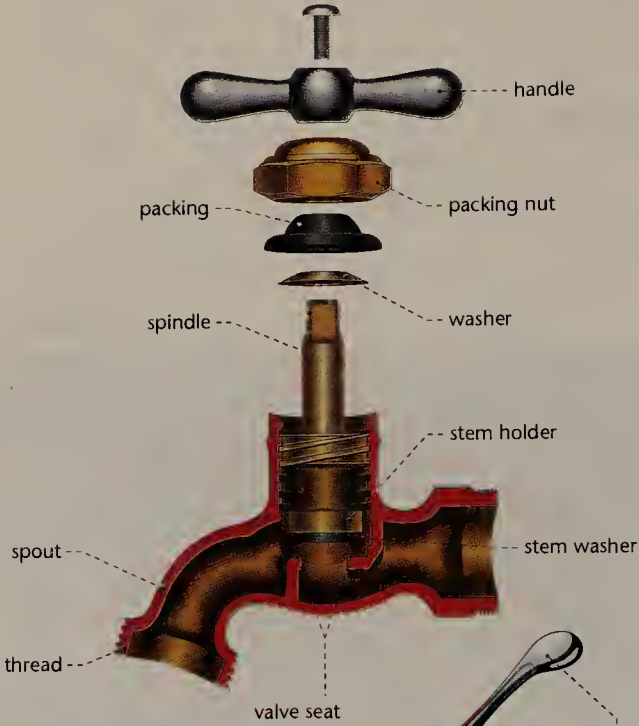


PLUMBING: BATHROOM





STEM FAUCET



DO-IT-YOURSELF

BALL-TYPE FAUCET



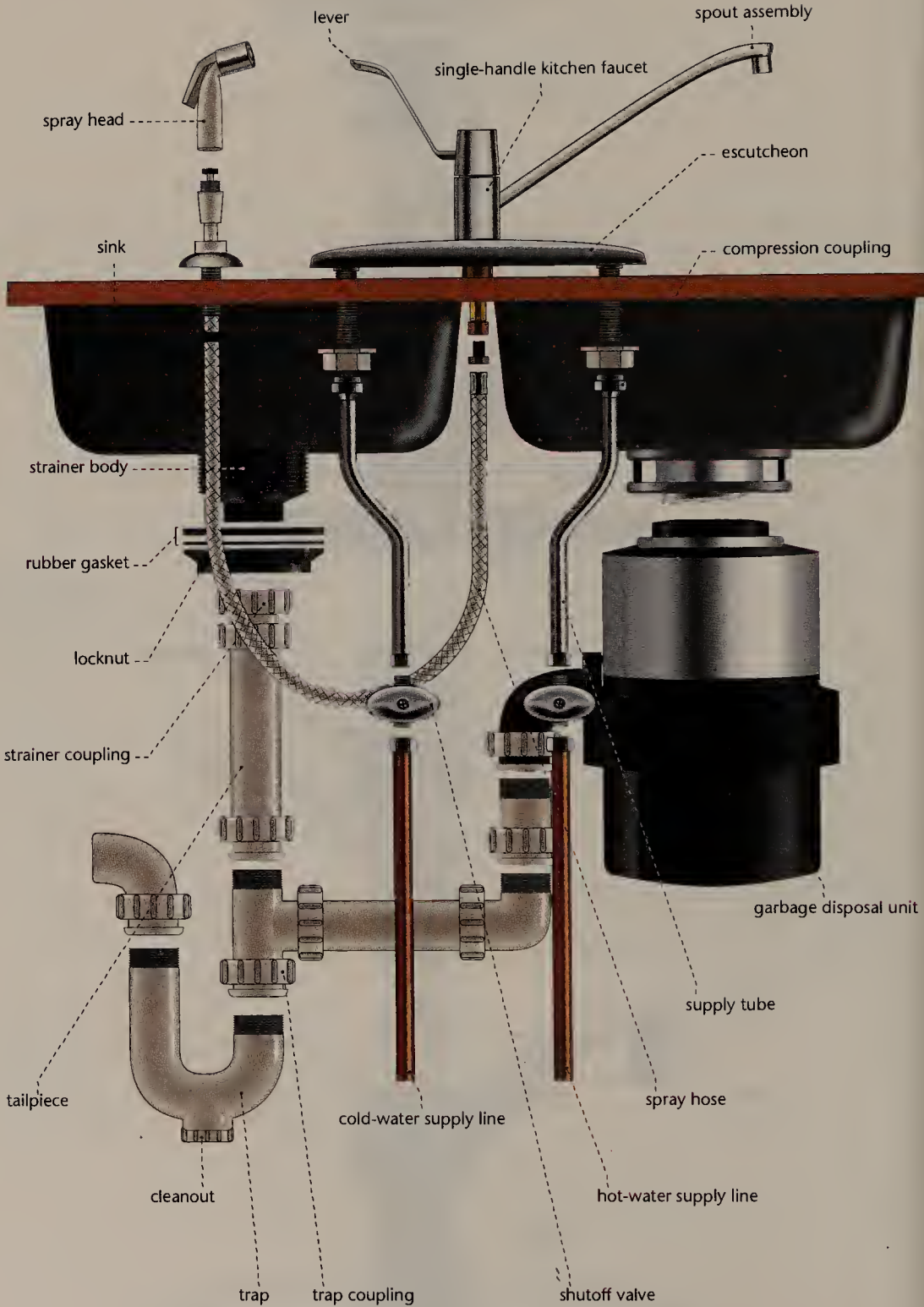
DISC FAUCET



CARTRIDGE FAUCET

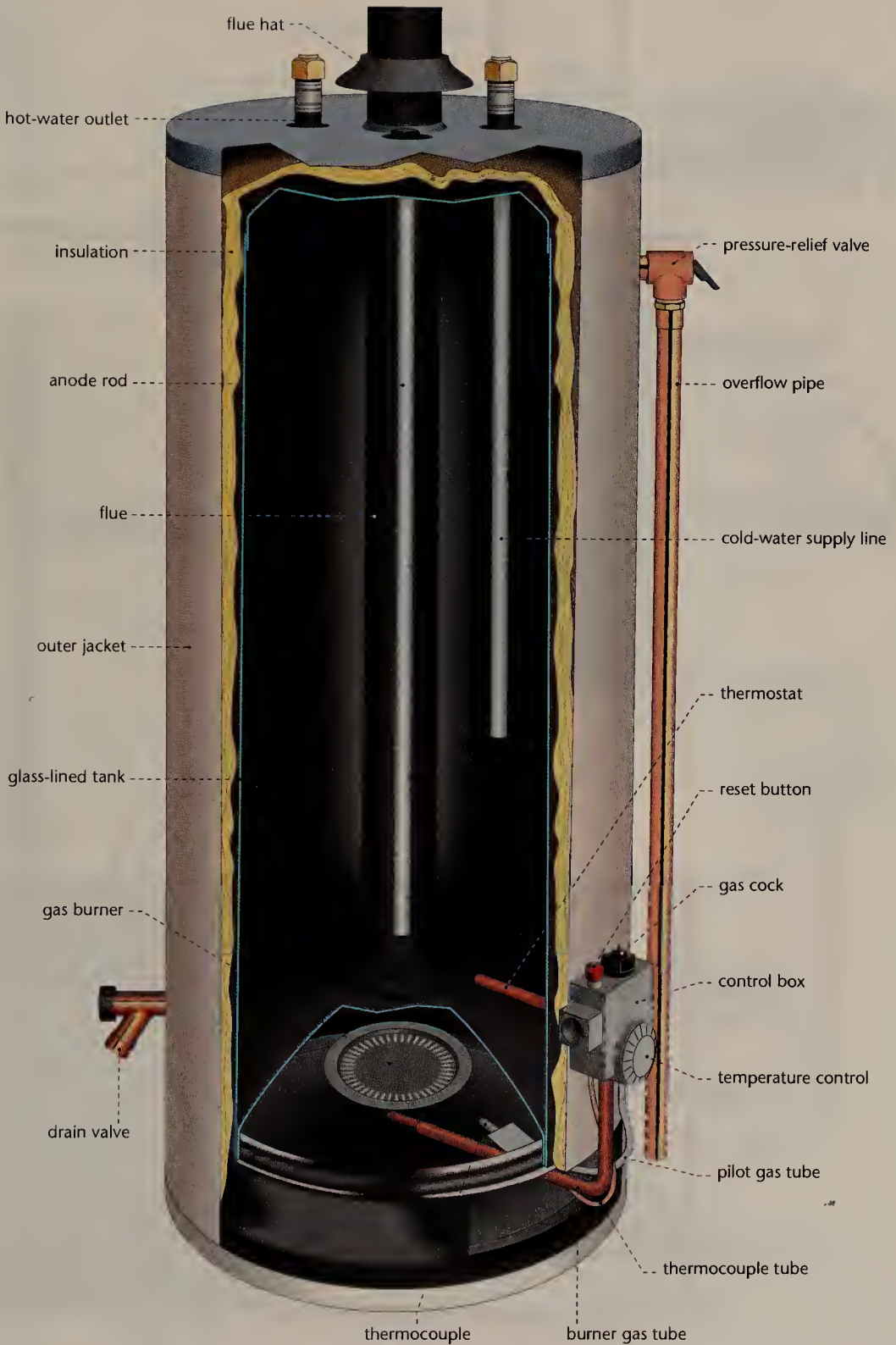


GARBAGE DISPOSAL SINK

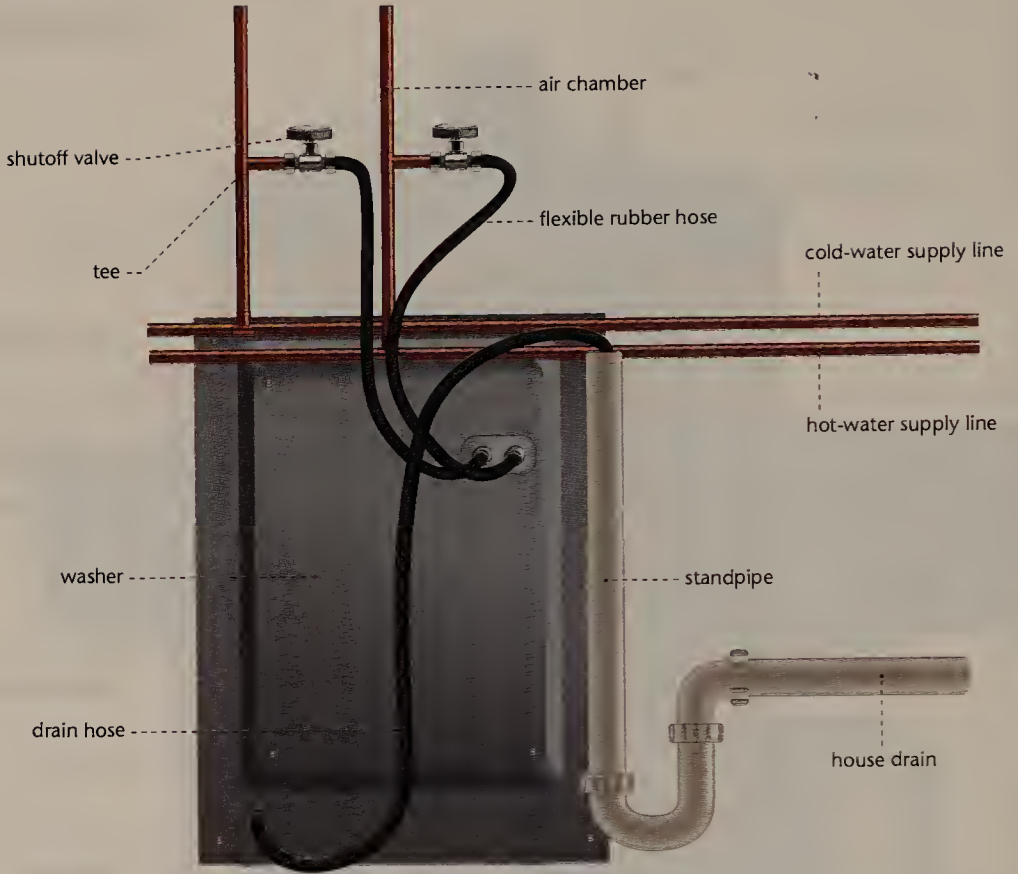


DO-IT-YOURSELF

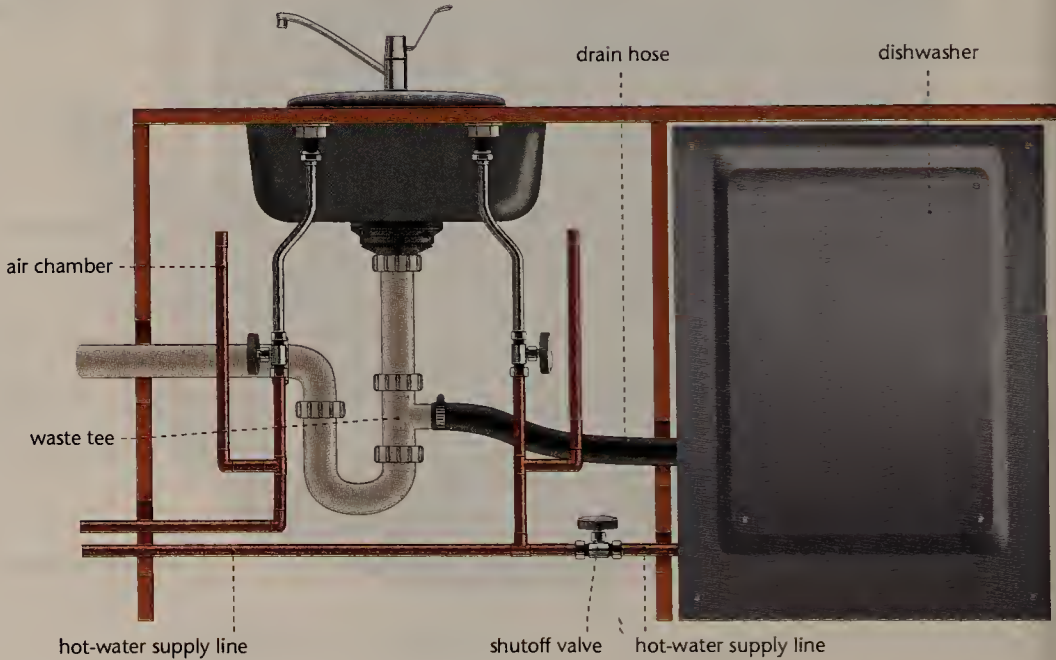
GAS WATER-HEATER TANK



WASHER



DISHWASHER



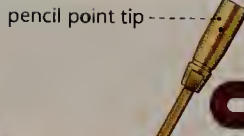
PLUMBING

PLUMBING TOOLS



tube cutter

soldering torch



pencil point tip



pipe wrench



adjustable spud wrench



strap wrench



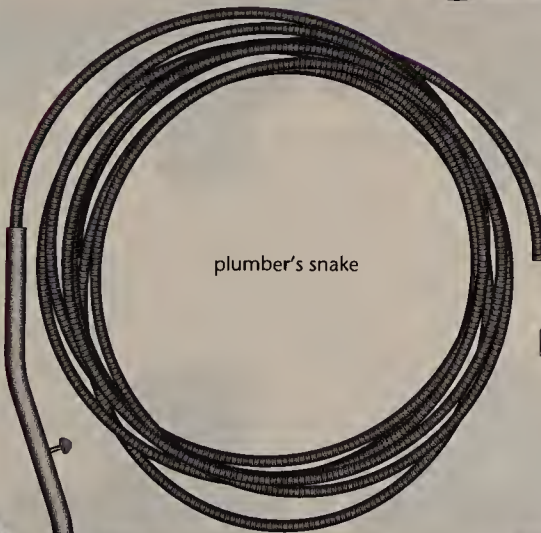
chain pipe wrench



disposable fuel cylinder



pipe threader



plumber's snake



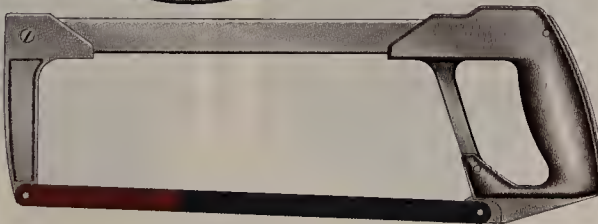
tube flaring tool



basin wrench



plunger



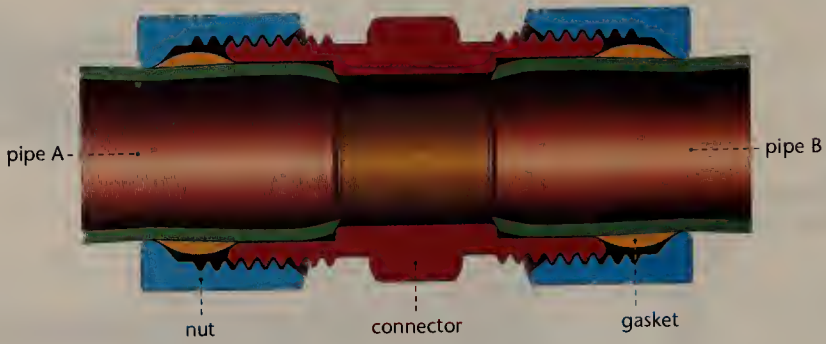
hacksaw



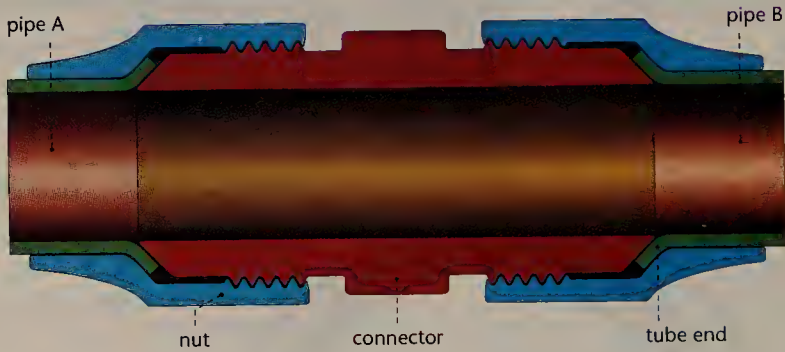
valve seat wrench

MECHANICAL CONNECTORS

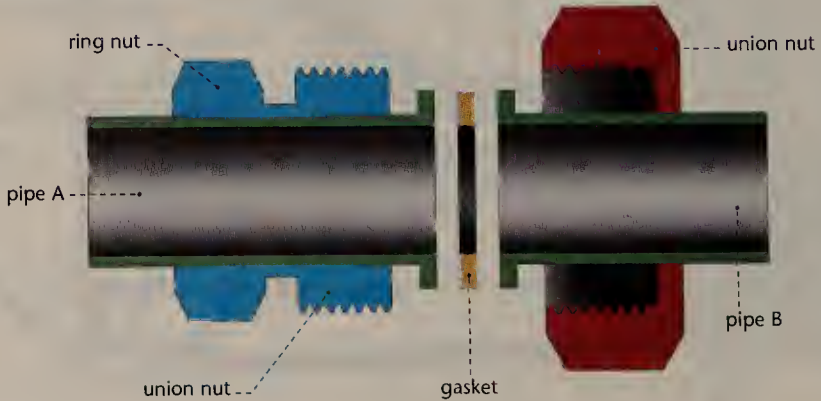
compression fitting



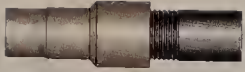
flare joint



union



TRANSITION FITTINGS



steel to plastic



copper to plastic



copper to steel

FITTINGS



45° elbow



elbow



U-bend



tee



Y-branch



offset



trap



square head plug



cap



flush bushing



nipple



reducing coupling



threaded cap



pipe coupling

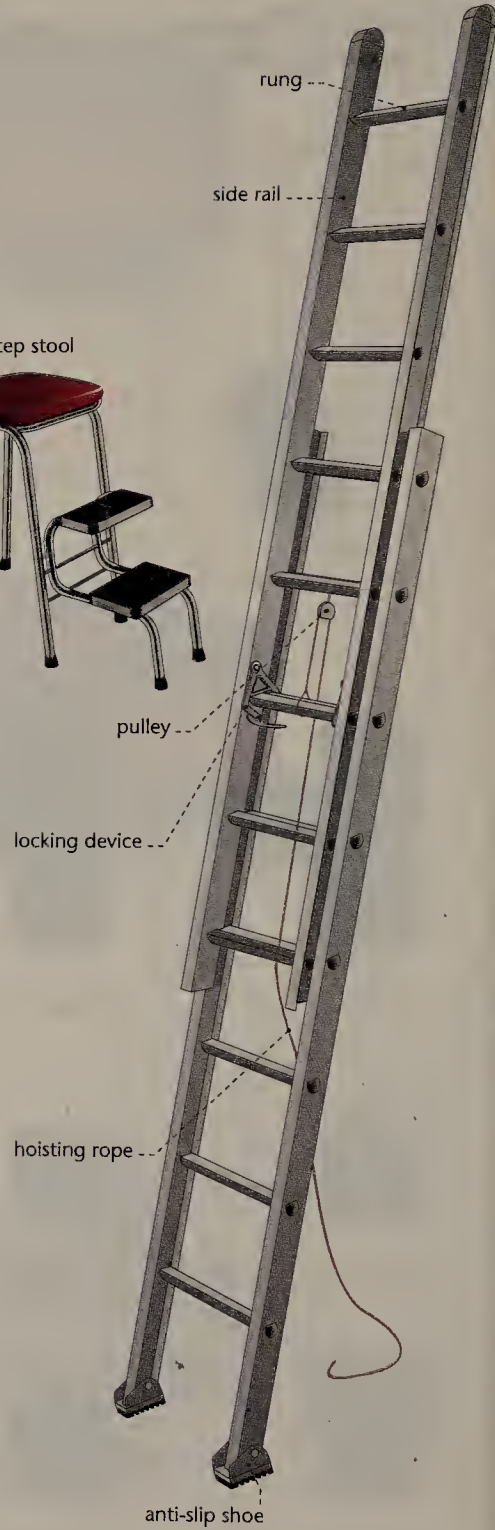
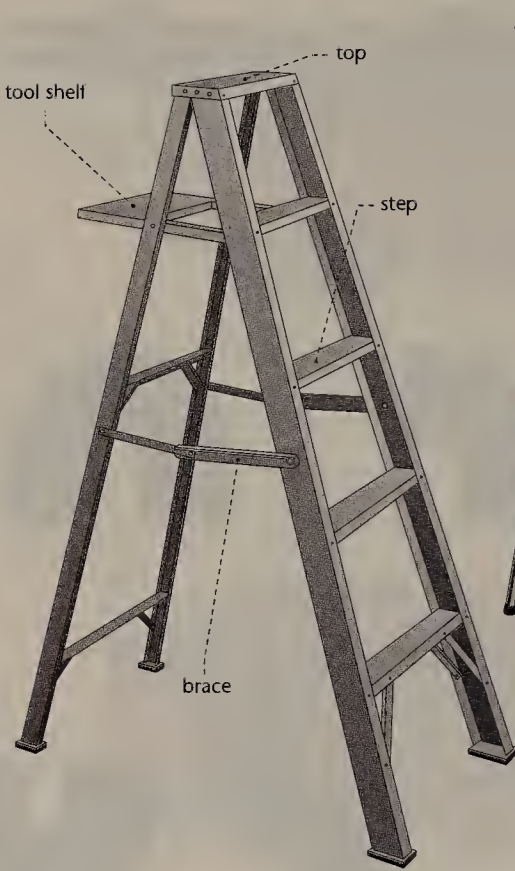


hexagon bushing

LADDERS AND STEPLADDERS

EXTENSION LADDER

STEPLADDER



PLATFORM LADDER



straight ladder



foldaway ladder



hook ladder



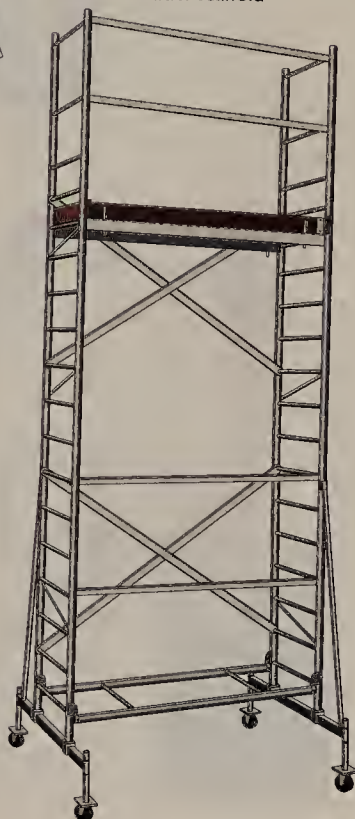
rope ladder



multi-purpose ladder



ladder scaffold



fruit-picking ladder



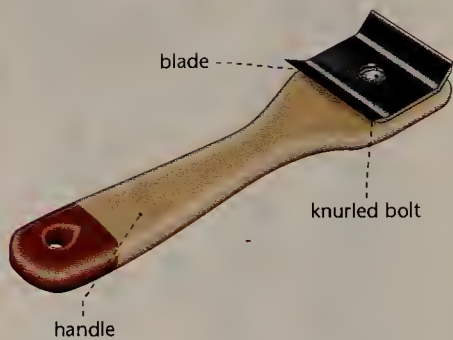
rolling ladder



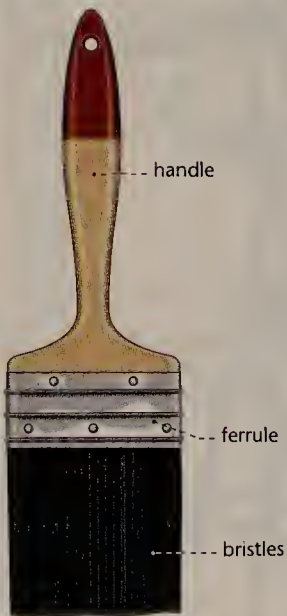
SPRAY PAINT GUN



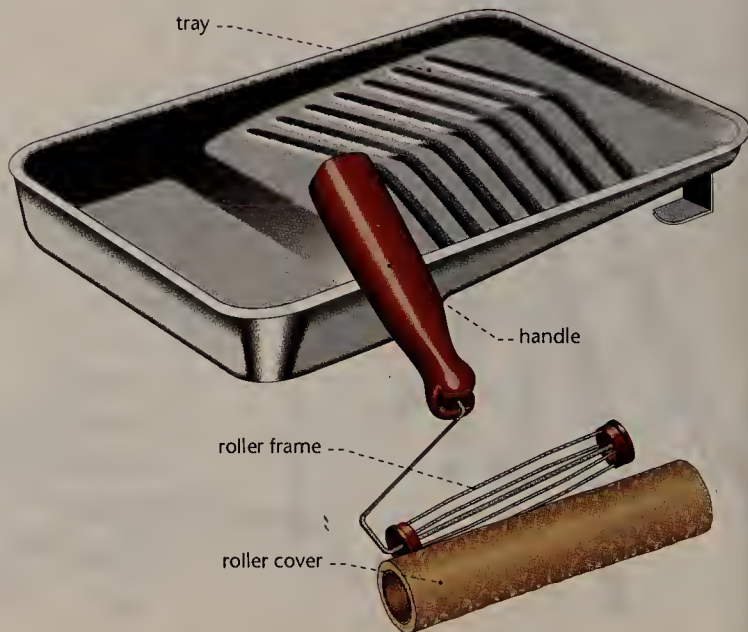
SCRAPER



BRUSH



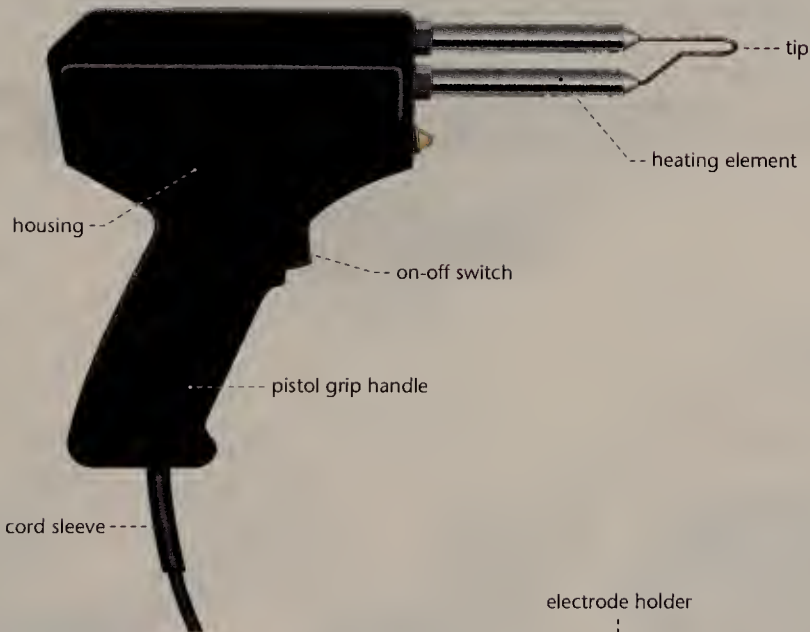
PAINT ROLLER



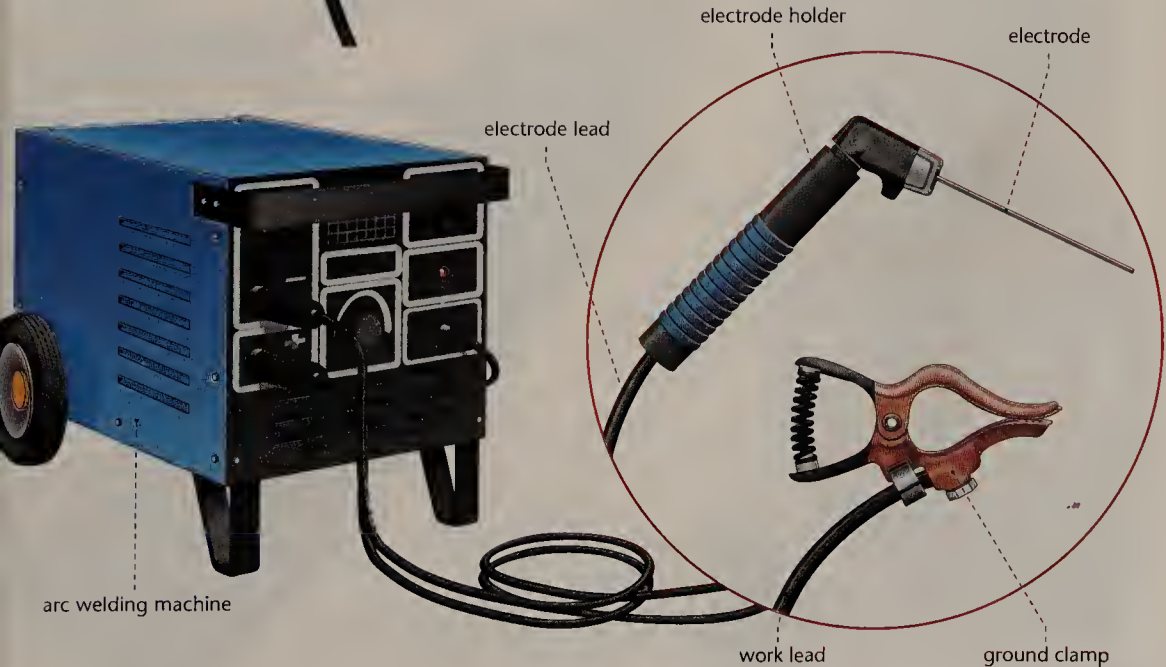
soldering iron



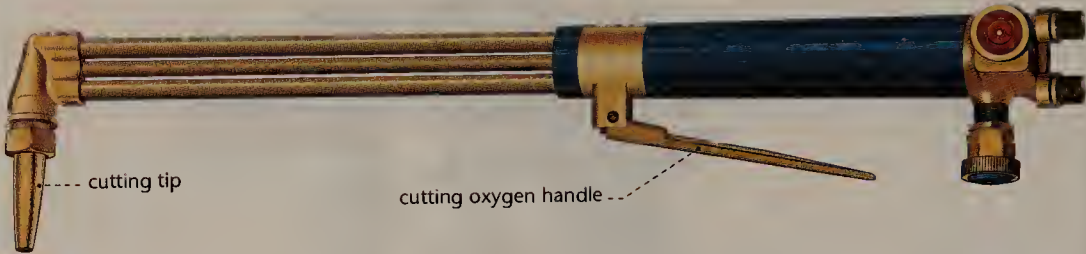
SOLDERING GUN



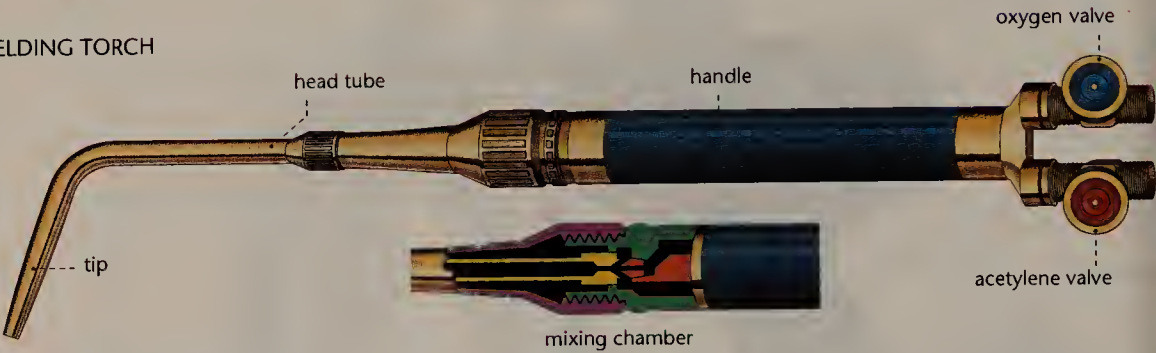
ARC WELDING



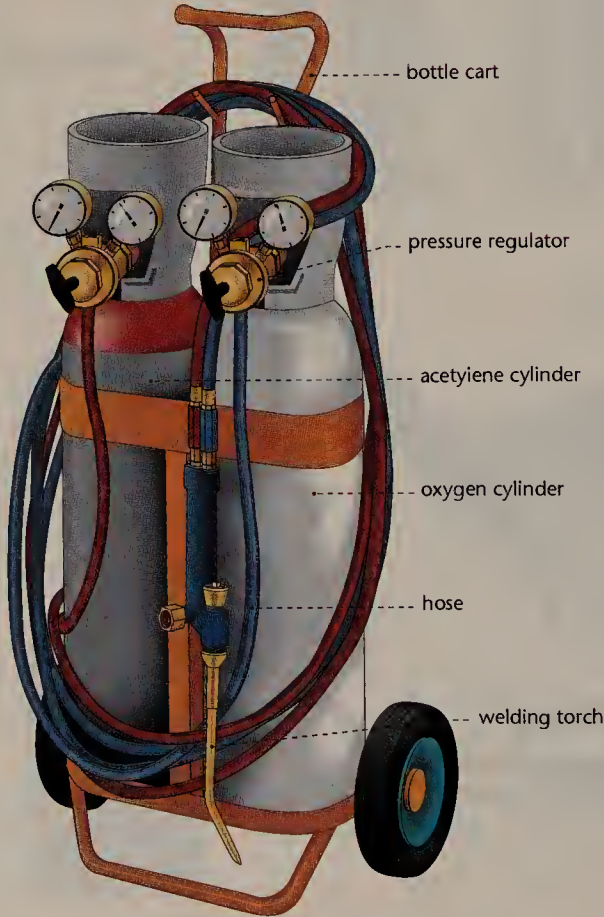
CUTTING TORCH



WELDING TORCH



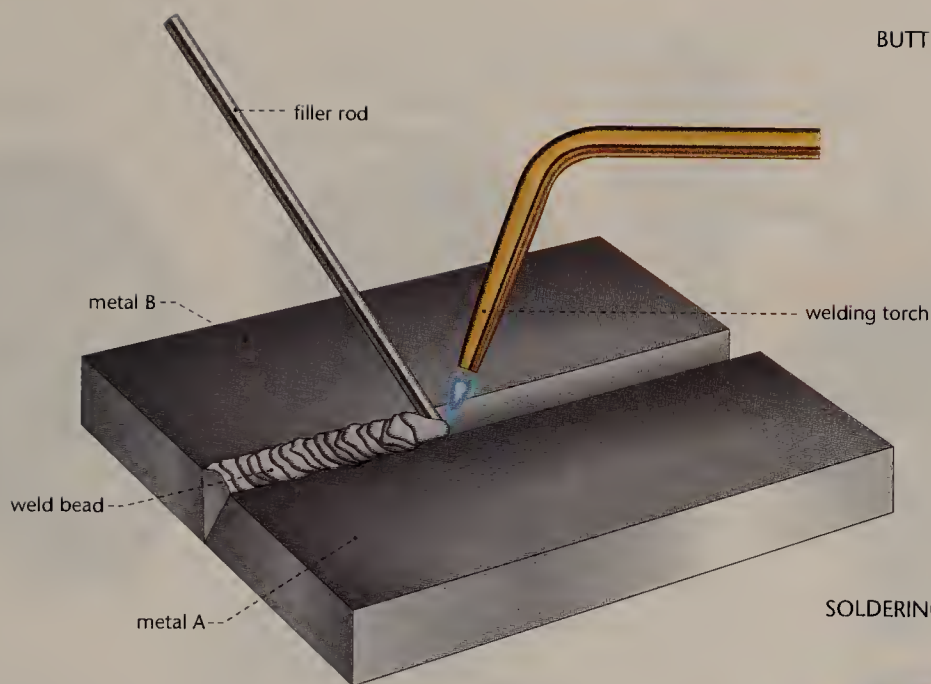
OXYACETYLENE WELDING



PRESSURE REGULATOR



BUTT WELDING



SOLDERING TORCH

tip cleaners

pencil point tip

flame spreader tip

disposable fuel cylinder

STRIKER

friction strip

flint

solder



goggles



hand shield



face shield



gauntlet



welding curtain

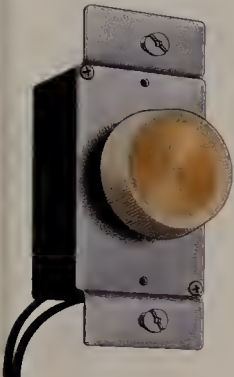


mitten



ELECTRICITY

dimmer switch



switch plate



LAMP SOCKET

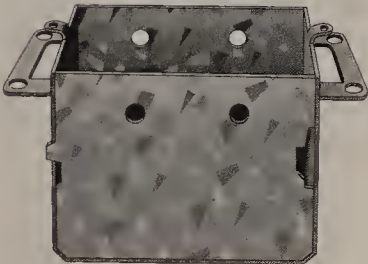


cap



socket

electrical box



switch



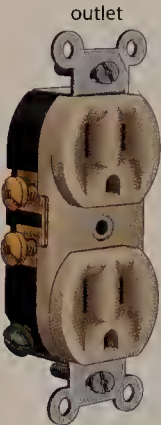
insulating sleeve



outer shell



AMERICAN PLUG

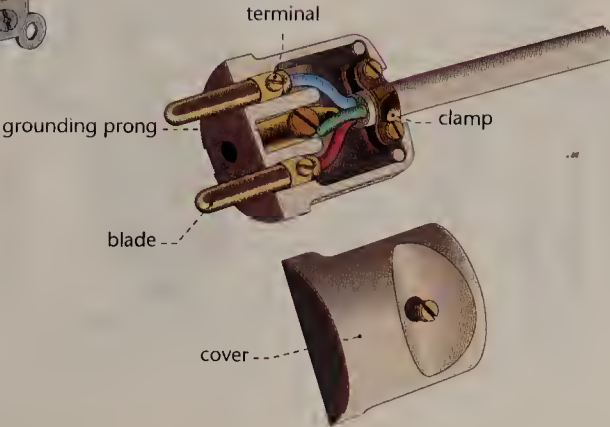


EUROPEAN PLUG



blade

grounding prong



terminal

grounding prong

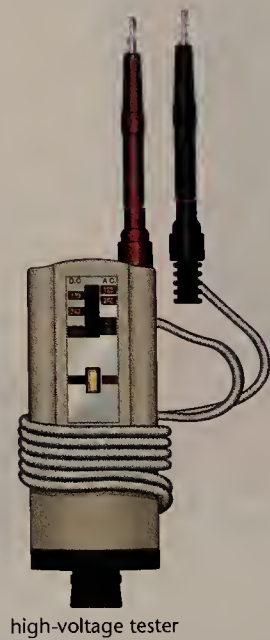
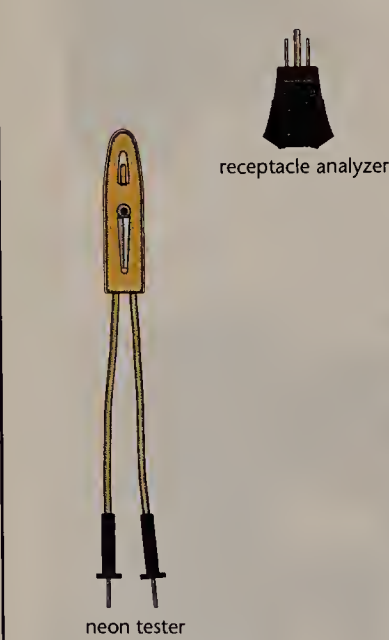
clamp

blade

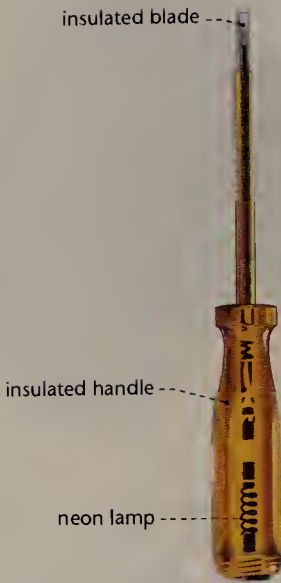
cover

ELECTRICIAN'S TOOLS

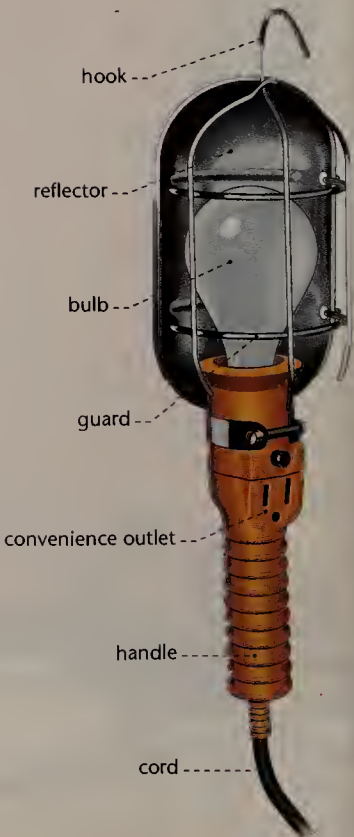
multimeter



voltage tester

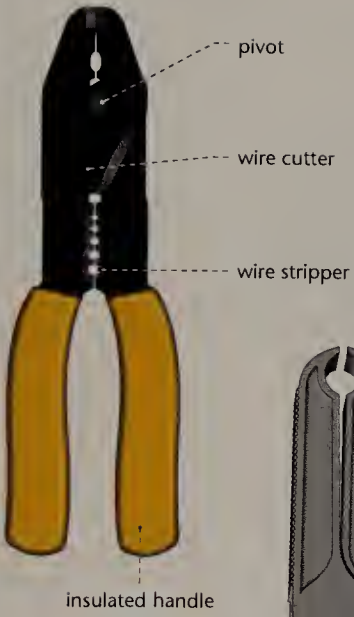


drop light



DO-IT-YOURSELF

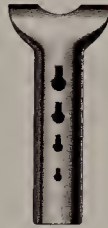
multipurpose tool



fuse puller



hammer

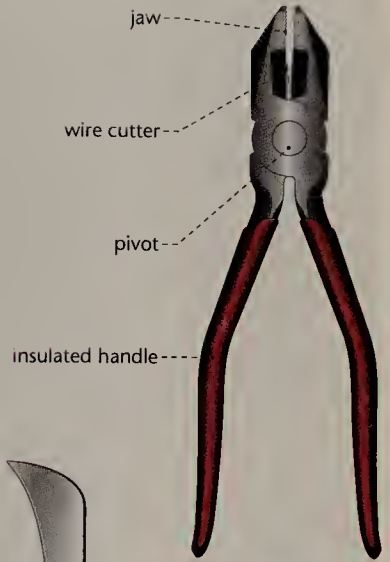


cable ripper



cutter

lineman's pliers



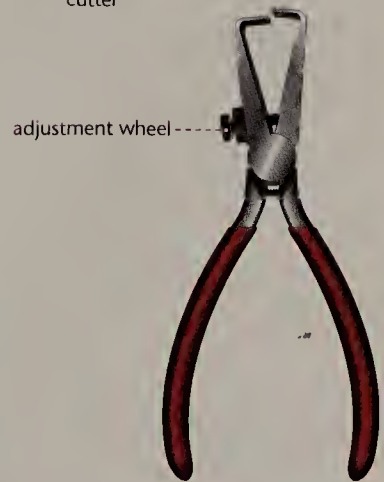
wire nut



fish wire

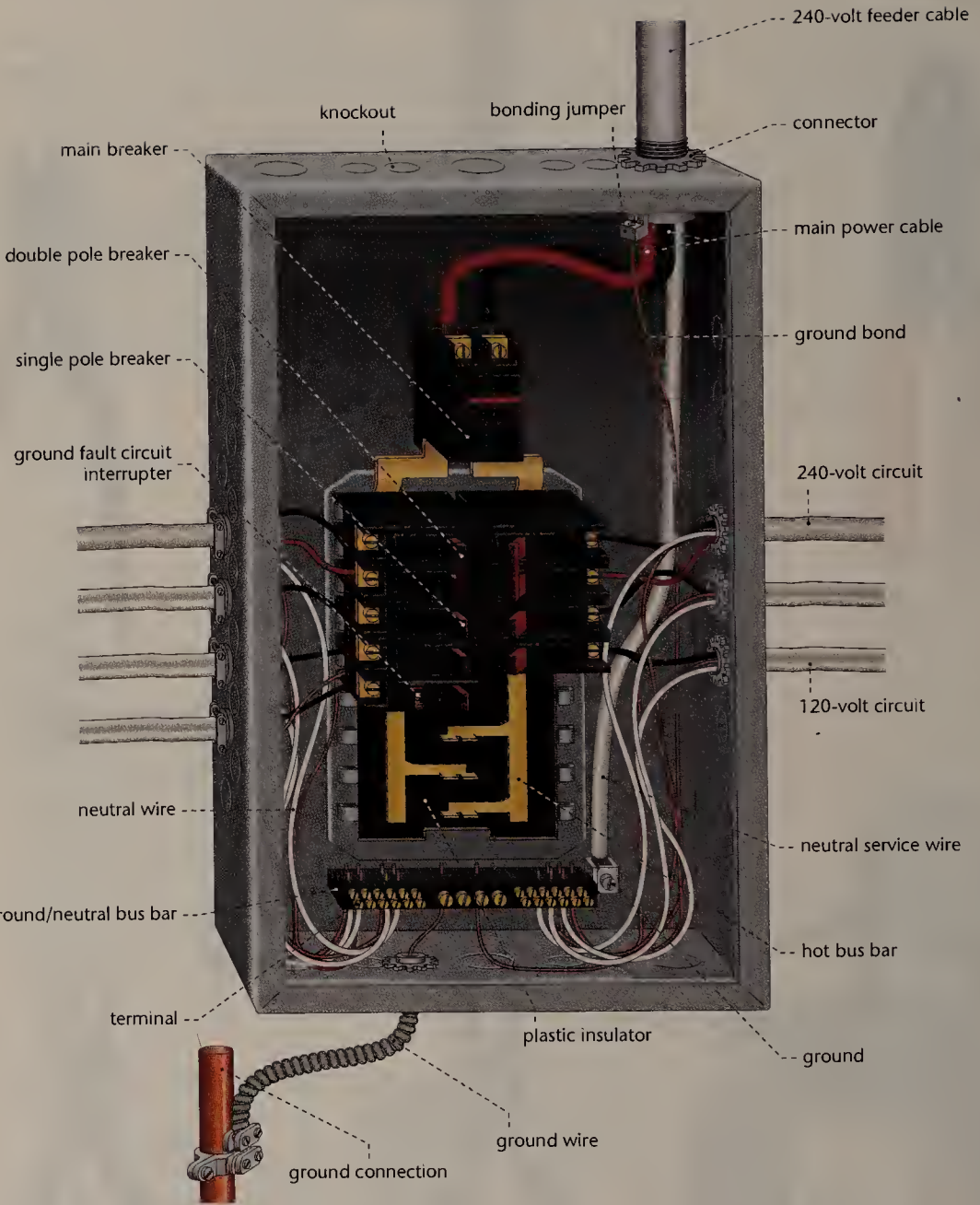


needle-nose pliers



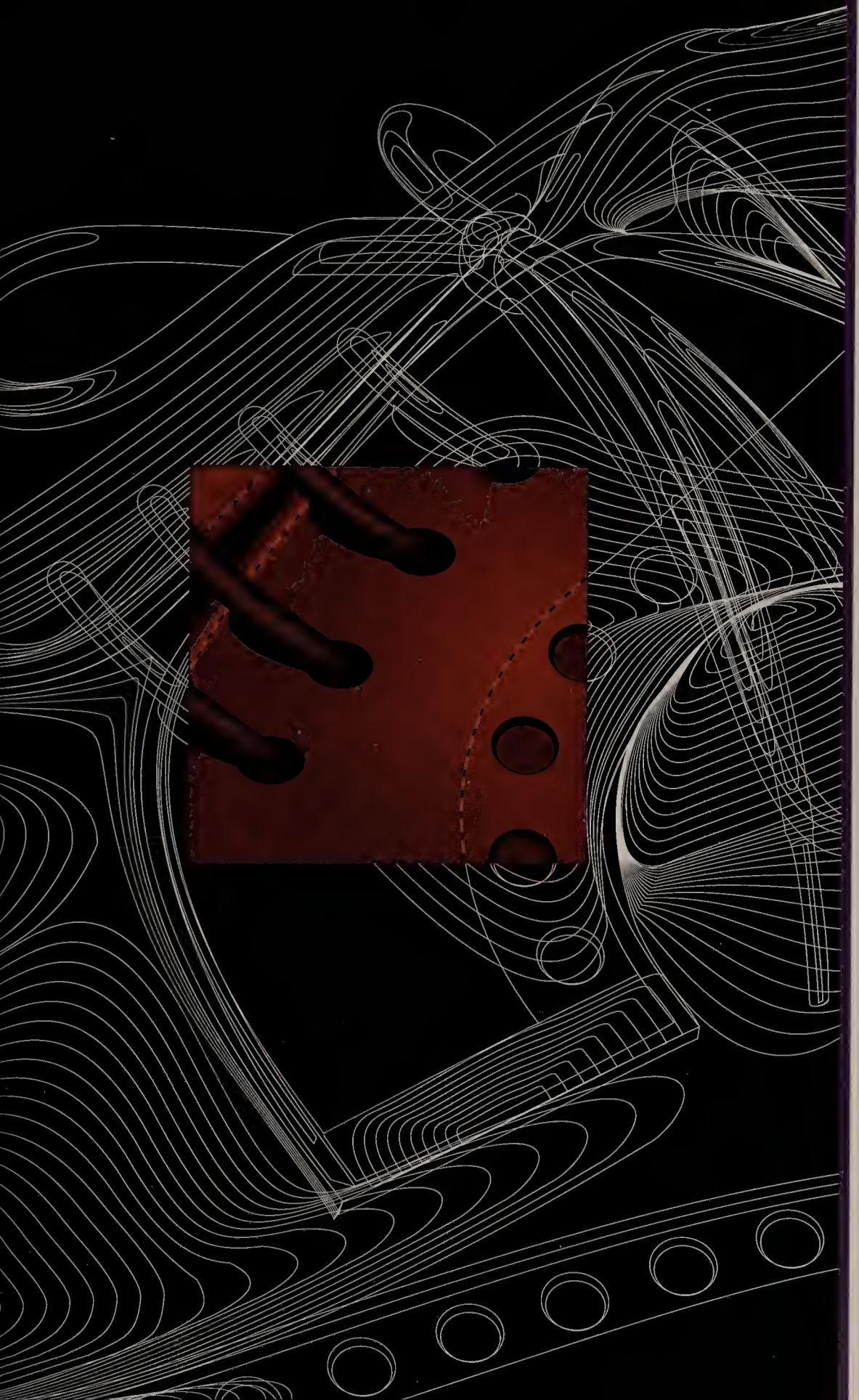
wire stripper

FUSE BOX



FUSES





CONTENTS

ELEMENTS OF ANCIENT COSTUME315

MEN'S CLOTHING319

SWEATERS.....326

GLOVES327

HEADGEAR.....328

WOMEN'S CLOTHING330

CHILDREN'S CLOTHING349

SPORTSWEAR352

SHOES354

PEPLOS



TOGA



justaucorps

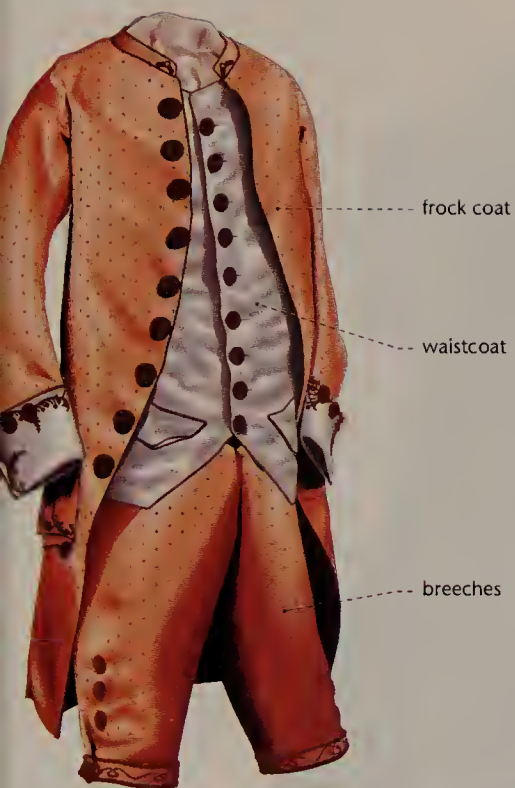




COTEHARDIE

DRESS WITH BUSTLE





houppelande



DRESS WITH
PANNIERS



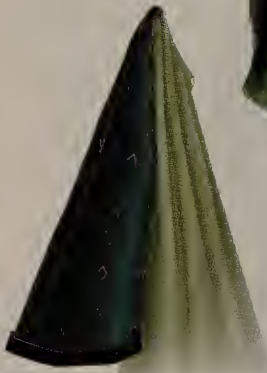
DRESS WITH CRINOLINE



short sleeve

sleeve

fringe



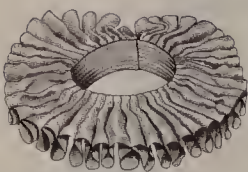
hennin



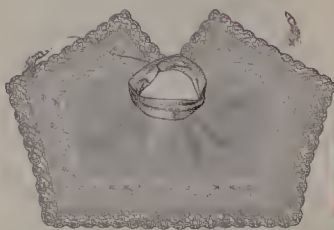
bicorne



tricorne



fraise



collaret

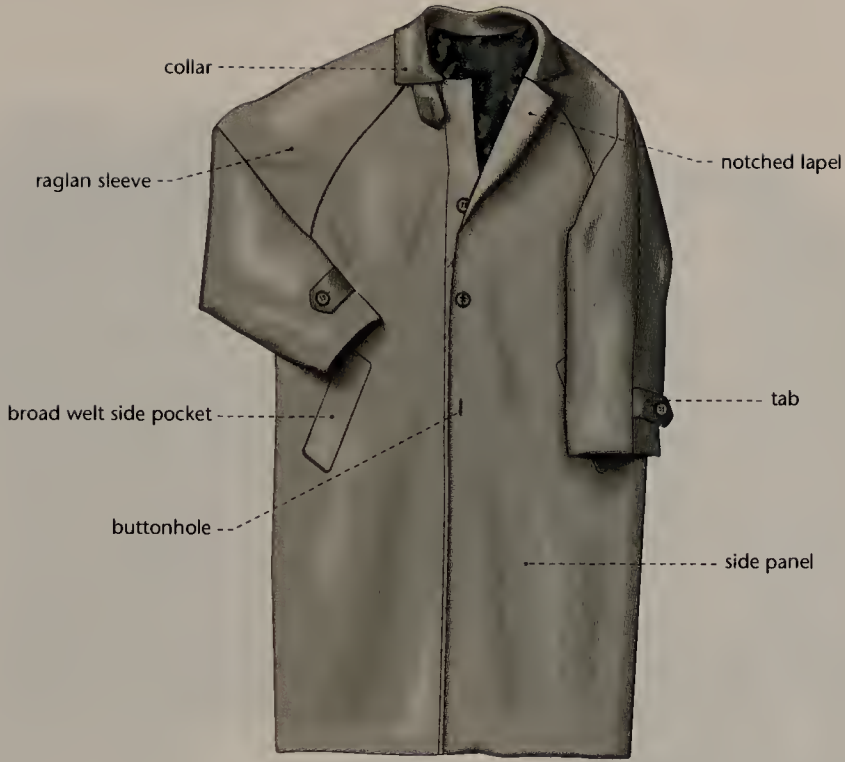


heeled shoe



crakow

RAINCOAT



TRENCH COAT



DUFFLE COAT



OVERCOAT



WINDBREAKER



three-quarter coat



PARKA



zipper

snap-fastening tab

JACKET



snap fastener

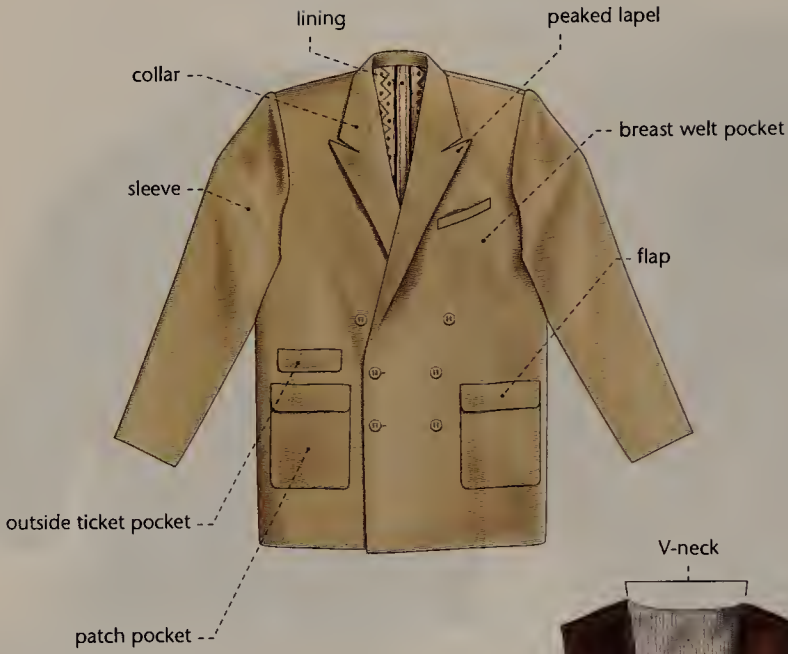
hand-warmer pocket

elastic waistband

sheepskin jacket



DOUBLE-BREASTED JACKET



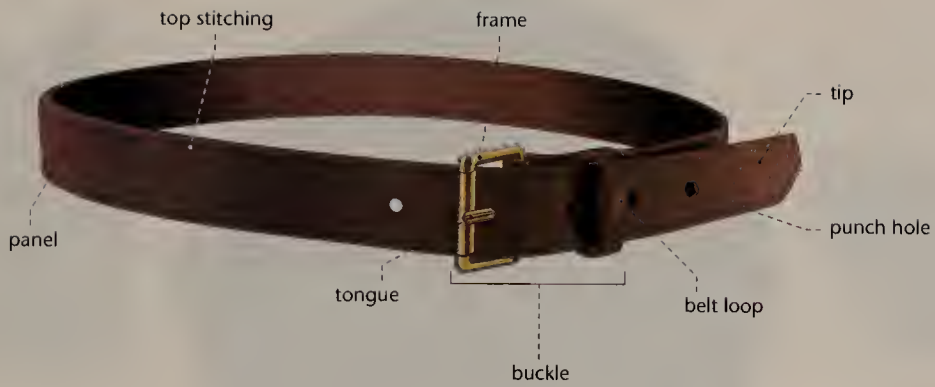
VEST



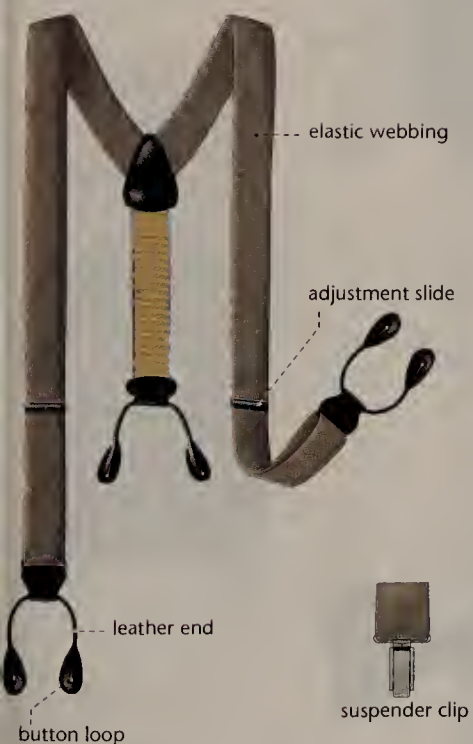
SINGLE-BREASTED JACKET



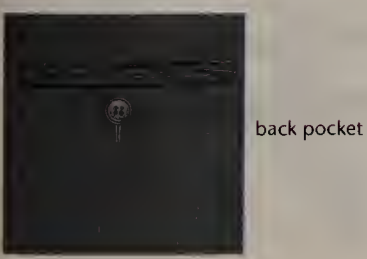
BELT



SUSPENDERS



PANTS



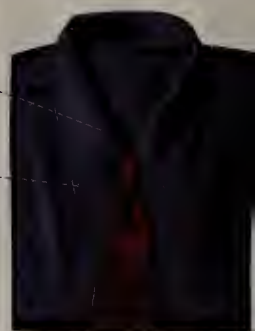
SHIRT



buttondown collar



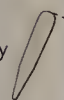
spread collar



ascot tie



collar stay



bow tie



NECKTIE

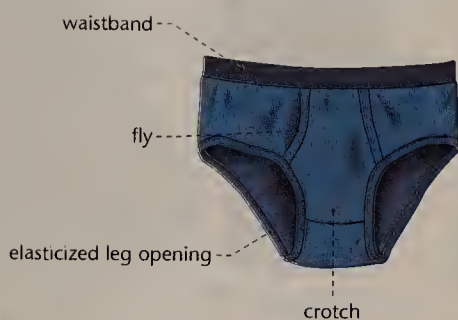


UNDERWEAR

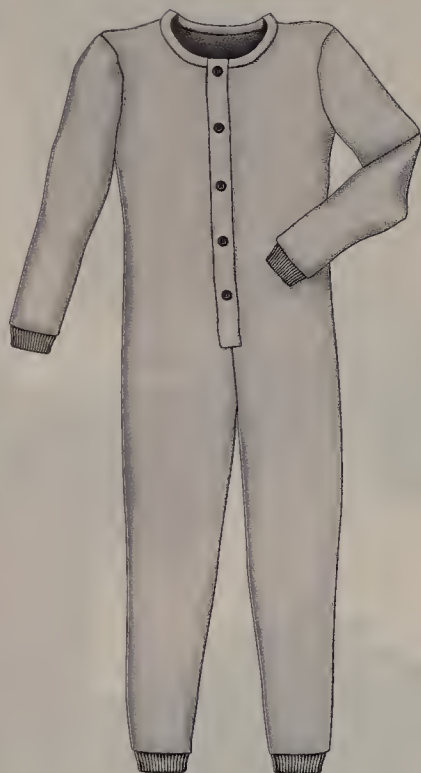
athletic shirt



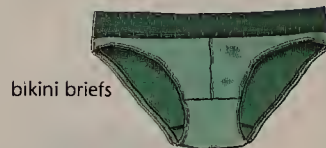
briefs



union suit



drawers



bikini briefs

boxer shorts



SOCKS

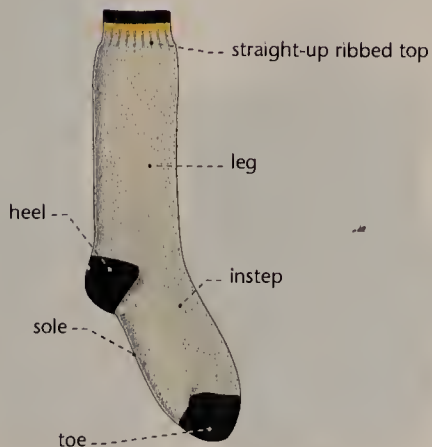
mid-calf length



ankle length



executive length



SWEATERS

V-NECK CARDIGAN



turtleneck

KNIT SHIRT

buttoned placket

crew neck sweater

sweater

cardigan

GLOVES

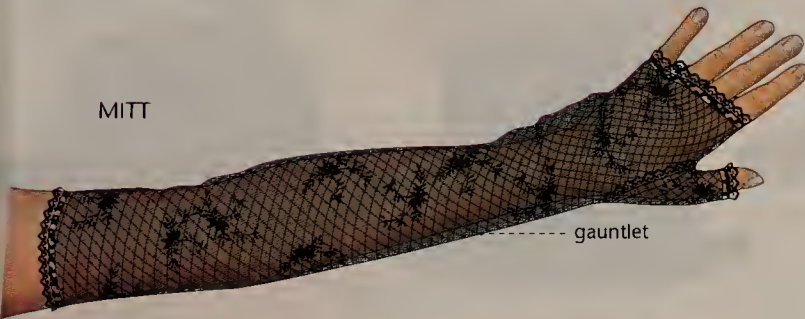
DRIVING GLOVE



mitten



MITT



evening glove



wrist-length glove

gauntlet



short glove



HEADGEAR

FELT HAT



boater



top hat



derby



HUNTING CAP



shapka



CAP



panama



garrison cap



skullcap



toque



pillbox hat



beret



turban



cloche



felt hat



southwester



BALACLAVA



stocking cap



knit cap



GOB HAT



cartwheel hat



TYPES OF COATS

CLOTHING

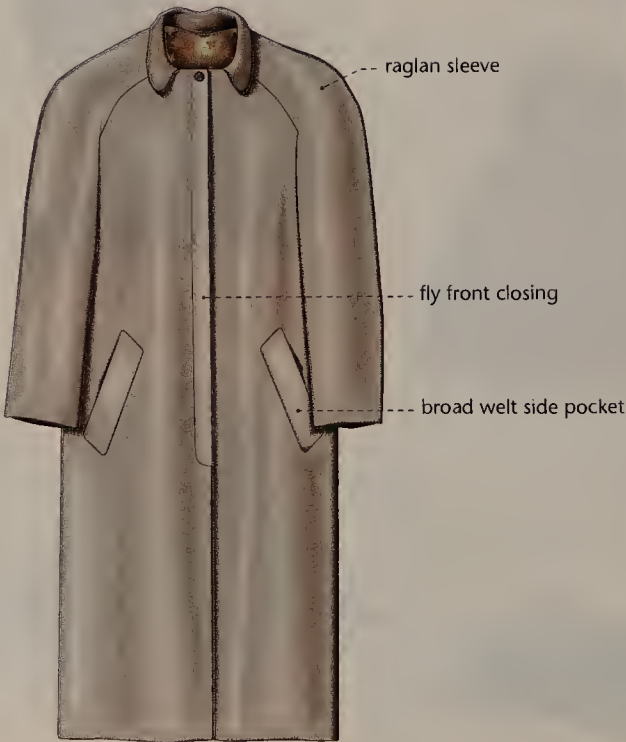
pea jacket



car coat



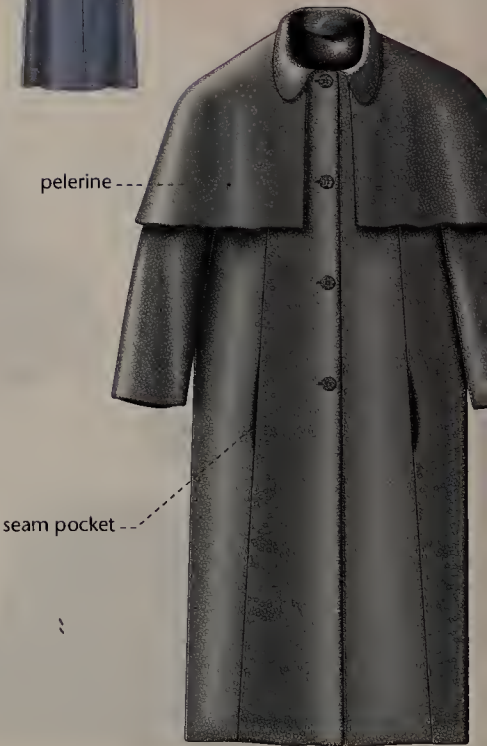
raglan



back belt



pelerine



cape



arm slit

overcoat



top coat



poncho



suit



jacket

skirt

jacket



TYPES OF DRESSES

sheath dress



princess dress



coat dress



drop waist dress



trapeze dress



sundress



polo dress



house dress



shirtwaist dress



jumper



wraparound dress



tunic dress



TYPES OF SKIRTS

sheath skirt



yoke skirt



gored skirt



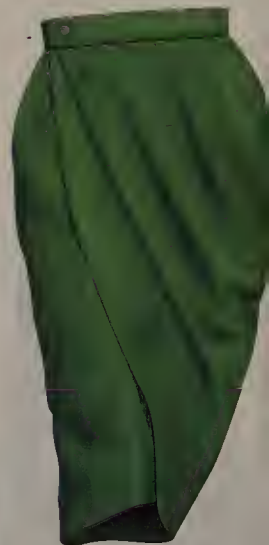
ruffled skirt



sarong



wraparound skirt



straight skirt



culottes





kilt



gather skirt



inverted pleat



kick pleat

TYPES OF PLEATS



accordion pleat



knife pleat



top stitched pleat

TYPES OF PANTS

jeans



Bermuda shorts



shorts



ski pants



pedal pushers



knickers



footstrap

jumpsuit



overalls



bell bottoms



TYPES OF BLOUSES

classic blouse



middy



polo shirt



smock



tunic



wrap-over top



mini shirtdress



body shirt



over-blouse



JACKETS, VEST AND SWEATERS

safari jacket



gusset pocket

blazer



CLOTHING

bolero



spencer



vest



twin-set

turtleneck

V-neck cardigan



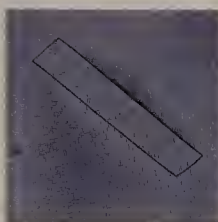
TYPES OF POCKETS



inset pocket



seam pocket



broad welt side pocket



hand warmer pouch



gusset pocket



flap pocket

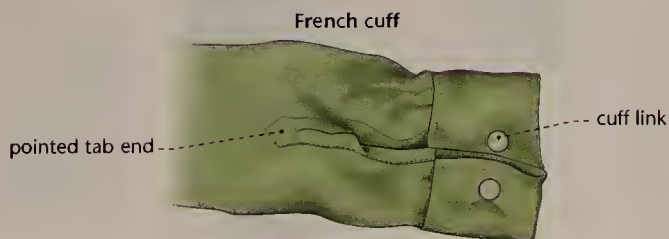


patch pocket

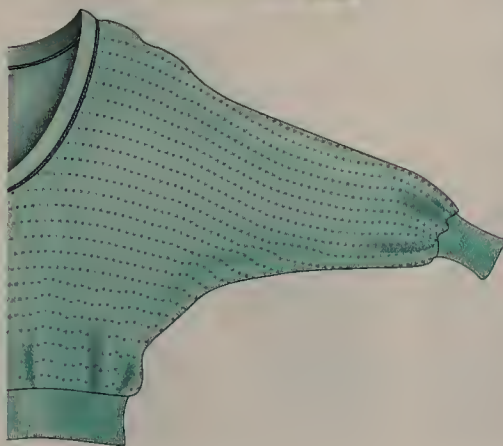


welt pocket

TYPES OF SLEEVES



three-quarter sleeve



batwing sleeve



cap sleeve

TYPES OF SLEEVES



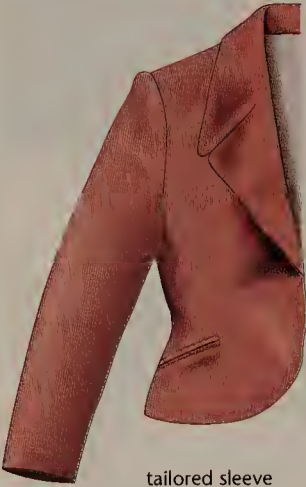
bishop sleeve



leg-of-mutton sleeve



puff sleeve



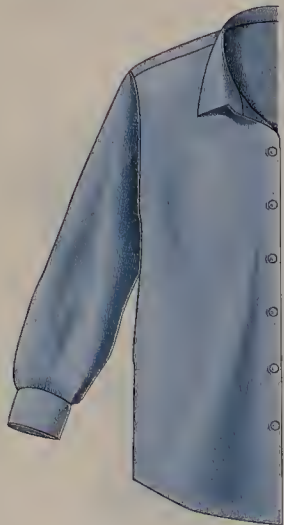
tailored sleeve



epaulet sleeve



kimono sleeve



shirt sleeve



raglan sleeve

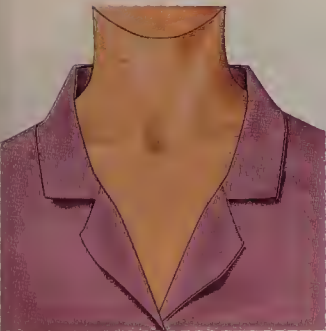


pagoda sleeve

COLLAR



TYPES OF COLLARS



shirt collar



tailored collar



dog ear collar



Peter Pan collar



shawl collar



collaret

TYPES OF COLLARS



bertha collar



bow collar



sailor collar



mandarin collar



jabot



stand-up collar



polo collar



cowl neck



turtleneck



plunging neckline



bateau neck



square neck



draped neck



round neck



sweetheart neckline



draped neckline



V-shaped neck

HOSE



short sock



anklet



sock



knee-high sock



panty hose



stocking



thigh-high stocking



net stocking

body suit



teddy



camisole



foundation slip

princess seaming



slip



half-slip



UNDERWEAR



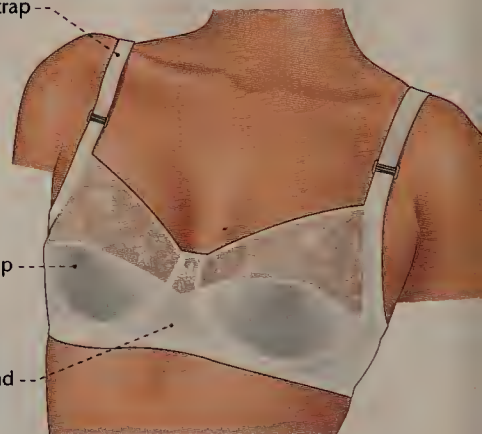
strapless brassiere

steel

briefs



décolleté bra



bra

shoulder strap

brassiere cup

midriff band

girdle

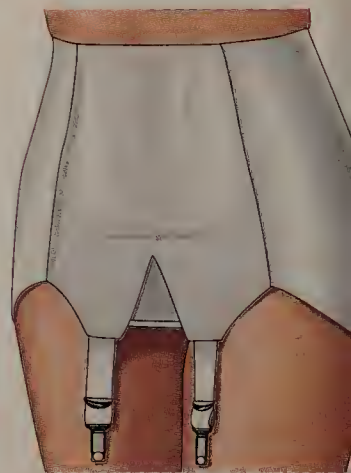


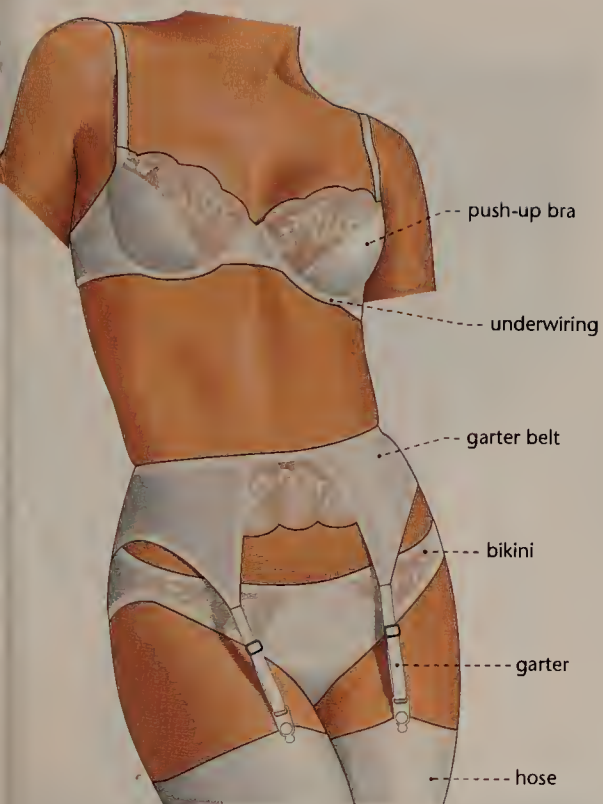
panel

panty girdle

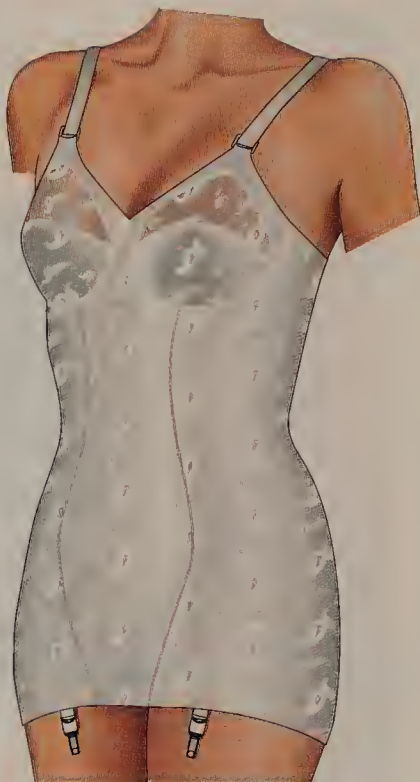


corset





corselette



wasp-waisted corset



NIGHTWEAR

nightgown



baby doll



kimono



pajamas



negligee



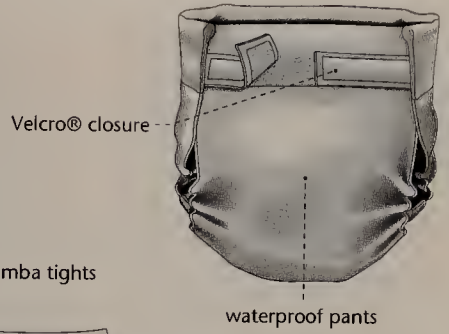
bathrobe



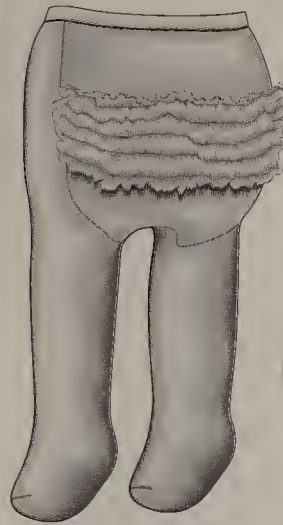
BATHING WRAP



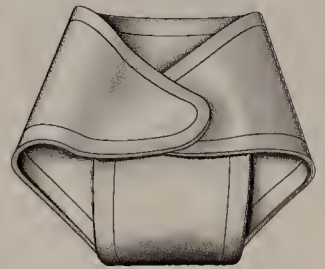
PLASTIC PANTS



nylon rumba tights



diaper



bib



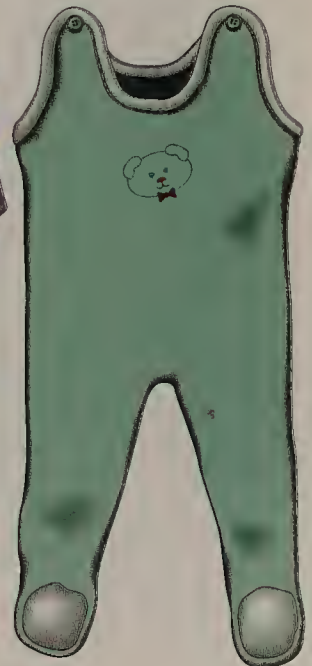
bunting bag



shirt



jumpsuit



RUFFLED RUMBA PANTS



BLANKET SLEEPERS



SLEEPERS



HIGH-BACK OVERALLS



GROW SLEEPERS



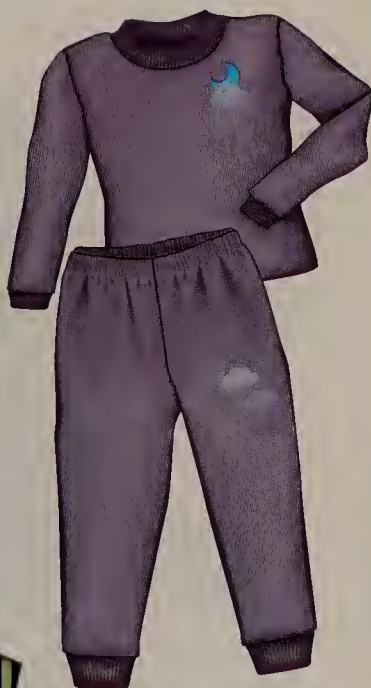
TRAINING SET



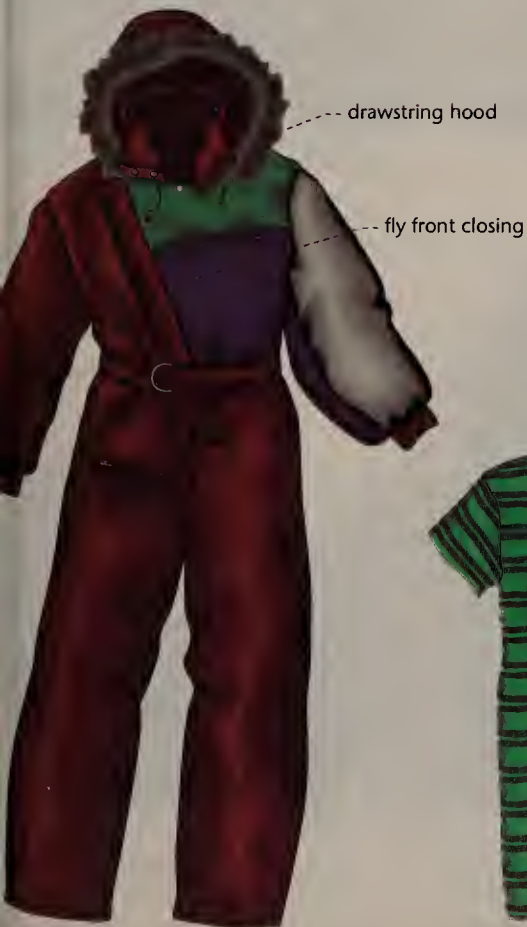
CROSSOVER BACK STRAPS OVERALLS



polojama



SNOWSUIT



rompers



jumpsuit

T-shirt dress



RUNNING SHOE



TRAINING SUIT



hooded sweat shirt



sweat pants



sweat shirt

EXERCISE WEAR



swimming trunks



swimsuit



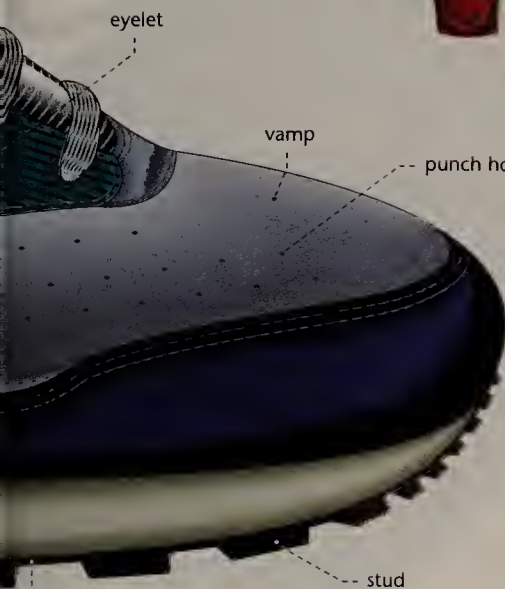
leotard



footless tights



leg-warmer



eyelet

vamp

punch hole

stud

outsole

boxer shorts



pants



anorak



tank top

SHOES

PARTS OF A SHOE



MAJOR TYPES OF SHOES



oxford shoe



chukka



bootie

MAJOR TYPES OF SHOES



tennis shoe



blucher oxford



moccasin



loafer



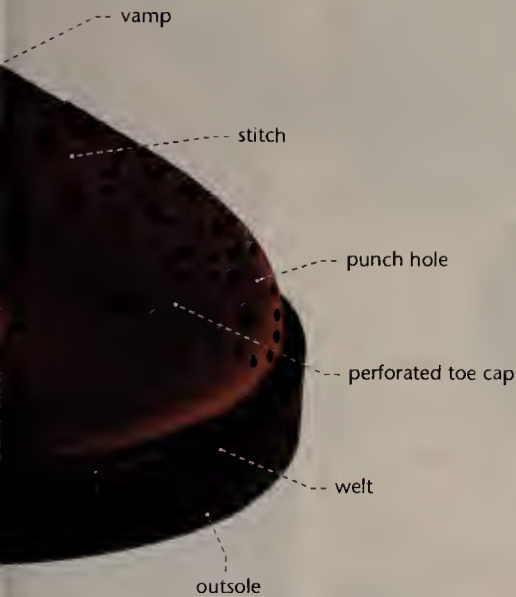
mule



heavy duty boot



rubber



SHOES

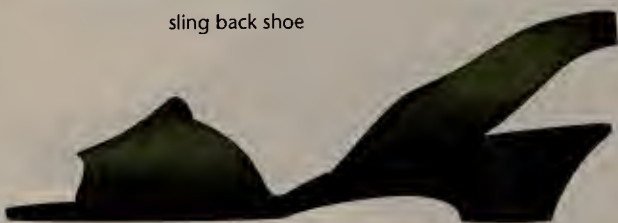
MAJOR TYPES OF SHOES



sling back shoe



pump



sandal



T-strap shoe



one-bar shoe



ballerina



casual shoe



boot



thigh-boot



sandal



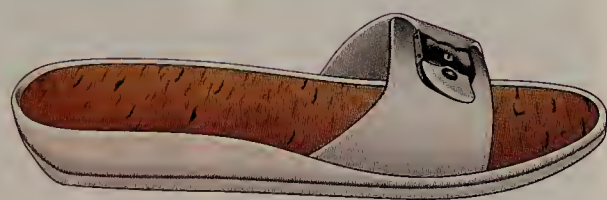
ankle boot



thong



espadrille



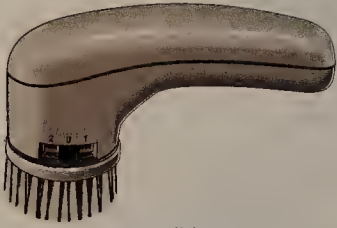
clog



sandal

SHOES

ACCESSORIES



shoe polisher



shoehorn



insole



climbing iron



boot jack



shoetree

SHOESHINE KIT



chamois leather ---

case ---



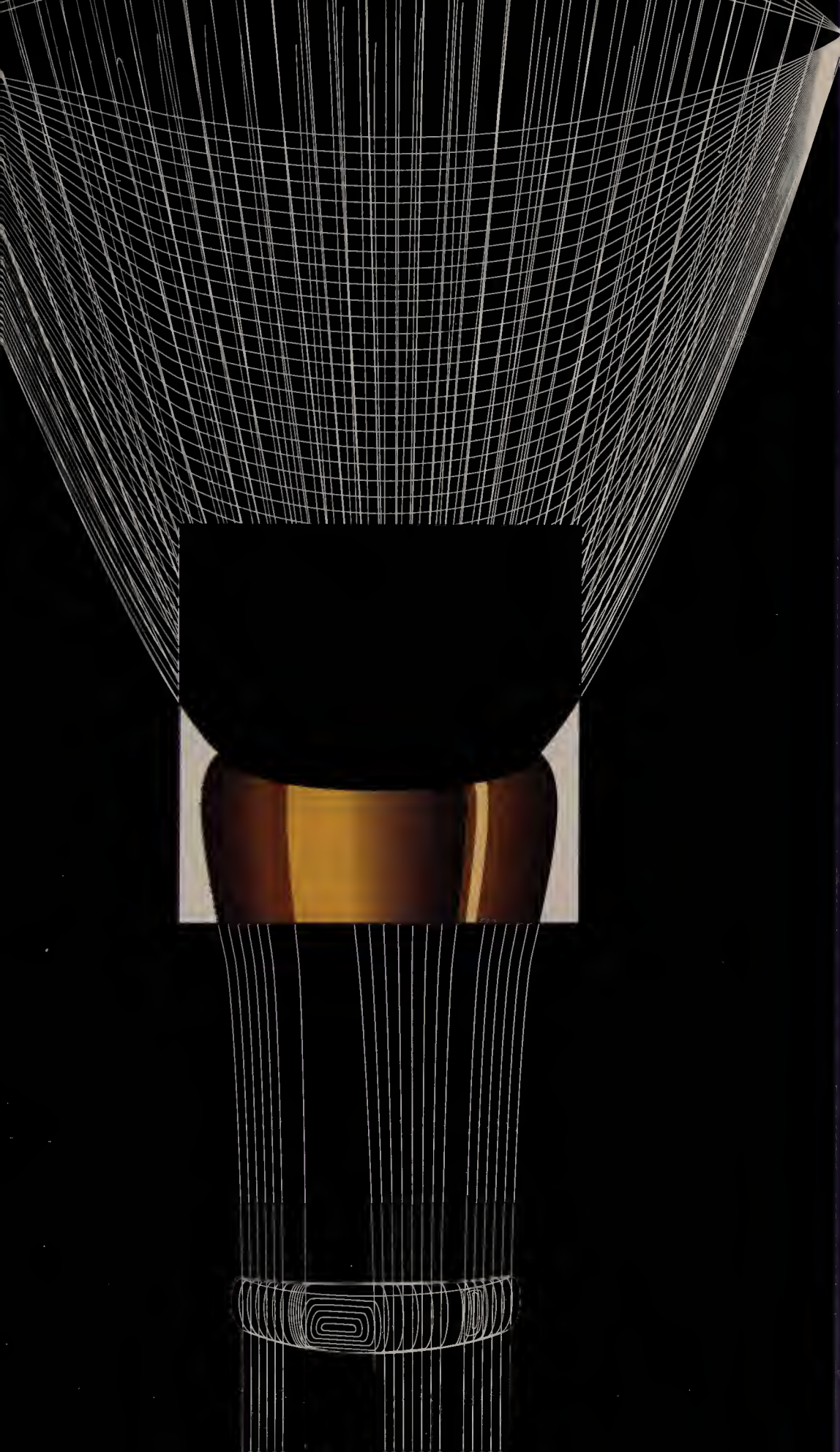
shoebrush

shoe polish



shoe rack

PERSONAL ADORNMENT



CONTENTS

JEWELRY	361
MANICURE.....	365
MAKEUP.....	366
HAIRDRESSING.....	368

JEWELRY

EARRINGS

drop earrings



hoop earrings



clip earrings



post earrings



screw earrings

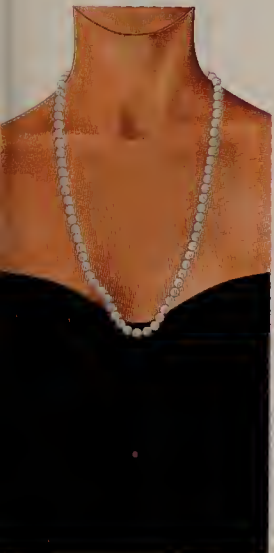


pendant



locket

NECKLACES



opera-length necklace



rope



matinee-length necklace



velvet-band choker



choker



bib necklace

CUT FOR GEMSTONES



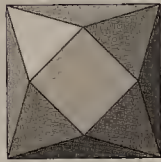
navette cut



baguette cut



oval cut



French cut



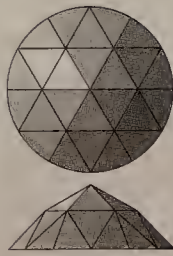
pear-shaped cut



briolette cut



table cut



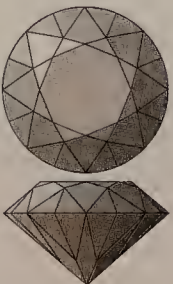
rose cut



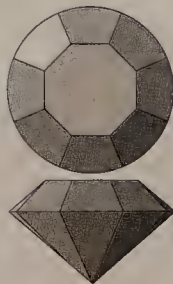
cabochon cut



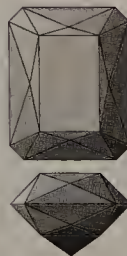
step cut



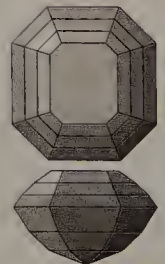
brilliant full cut



eight cut



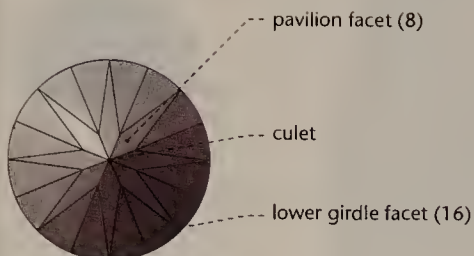
scissors cut



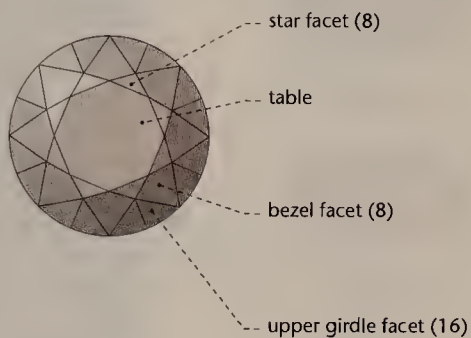
emerald cut

BRILLIANT CUT FACETS

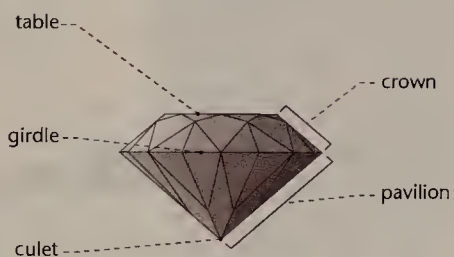
BOTTOM FACE



TOP FACE



SIDE FACE



PRECIOUS STONES



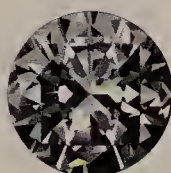
emerald



ruby



sapphire



diamond

SEMPRECIOUS STONES



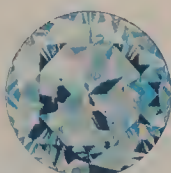
amethyst



garnet



topaz



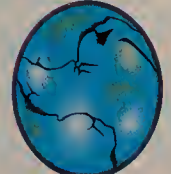
aquamarine



tourmaline



opal



turquoise



lapis lazuli

JEWELRY

RINGS



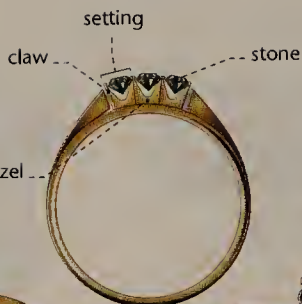
signet ring



band ring



wedding ring



engagement ring



class ring

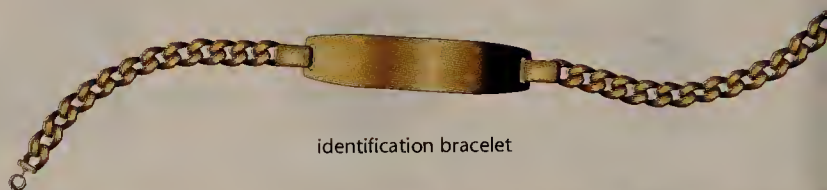


solitaire ring

BRACELETS



bangle



identification bracelet



charm bracelet

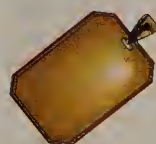
PINS



brooch



stickpin



nameplate



tiepin



collar bar



tie bar



horseshoe

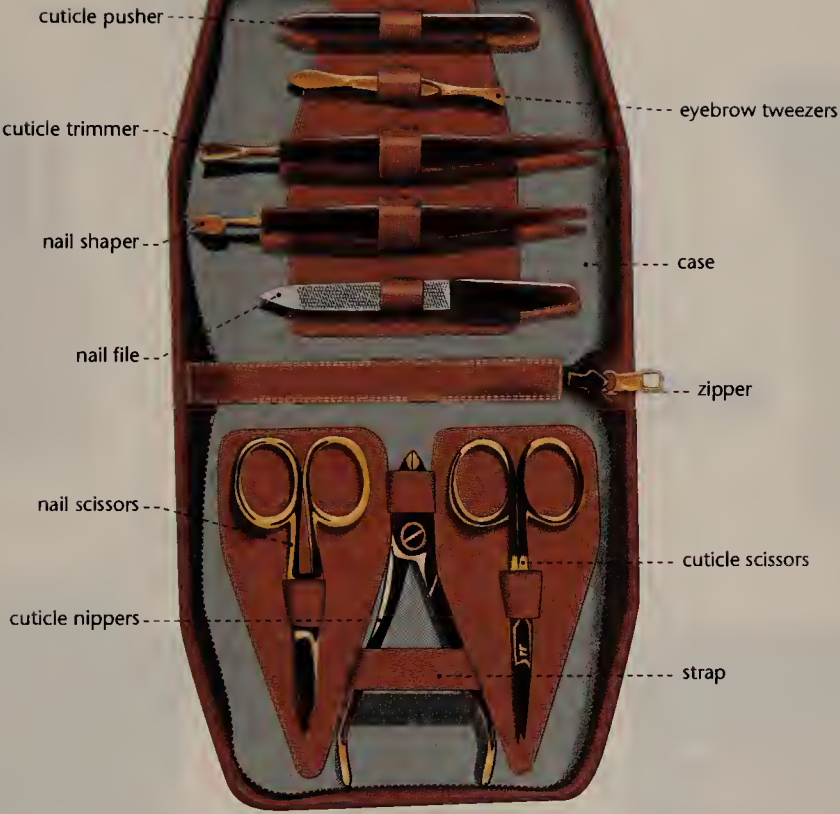


horn

CHARMS

MANICURE

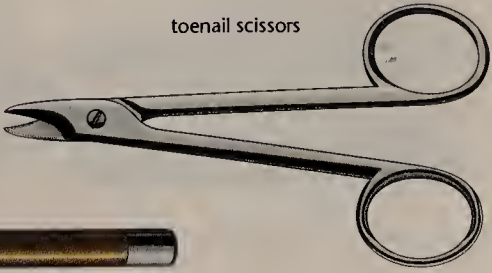
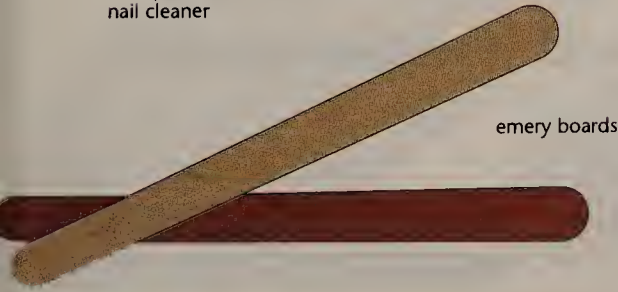
MANICURE SET



NAIL CLIPPERS



MANICURING IMPLEMENTS

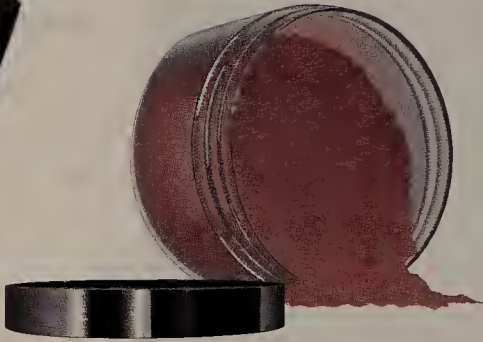


MAKEUP

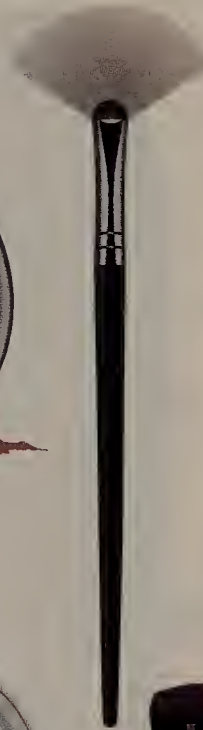
FACIAL MAKEUP



loose powder brush



loose powder



fan brush



liquid foundation



pressed powder



powder puff

blusher brush



powder blusher

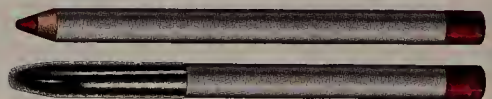
LIP MAKEUP



lipstick



lipbrush



lipliner

EYE MAKEUP



liquid mascara



liquid eyeliner



eyebrow pencil



brow brush and lash comb



eyelash curler



cake mascara

mascara brush



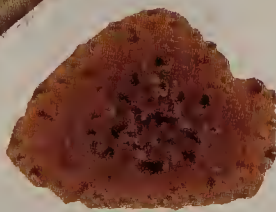
eyeshadow

sponge-tipped applicator

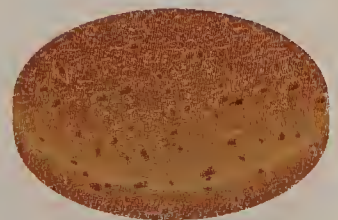
SPONGES



vegetable sponge



natural sponge



synthetic sponge

LIGHTED MIRROR



HAIRBRUSHES



COMBS



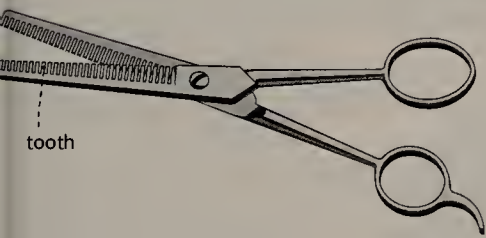
HAIRCUTTING SCISSORS



clippers

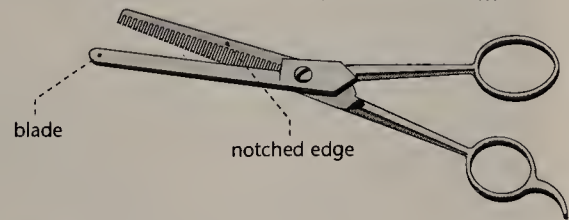


NOTCHED DOUBLE-EDGED THINNING SCISSORS



thinning razor

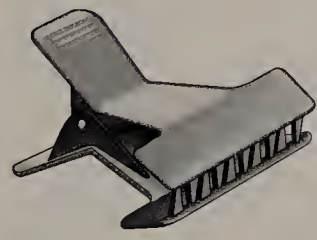
NOTCHED SINGLE-EDGED THINNING SCISSORS



HAIRSTYLING IMPLEMENTS



bobby pin



wave clip

HAIR ROLLER



hair roller pin

hairpin



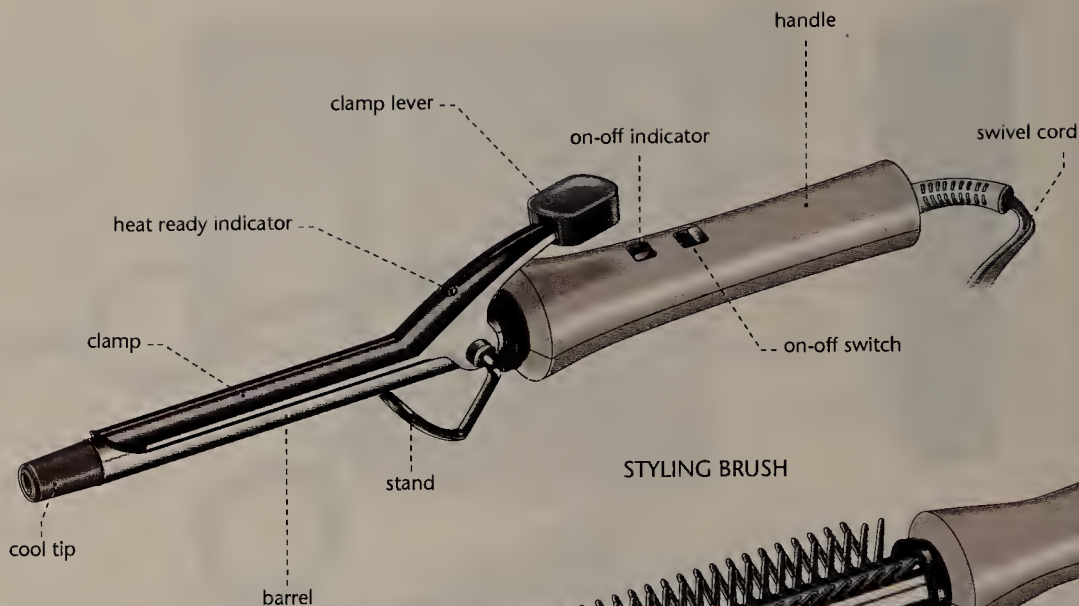
hair clip



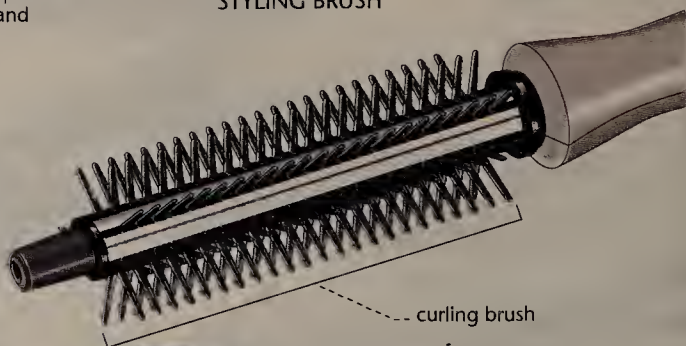
barrette

HAIRDRESSING

CURLING IRON



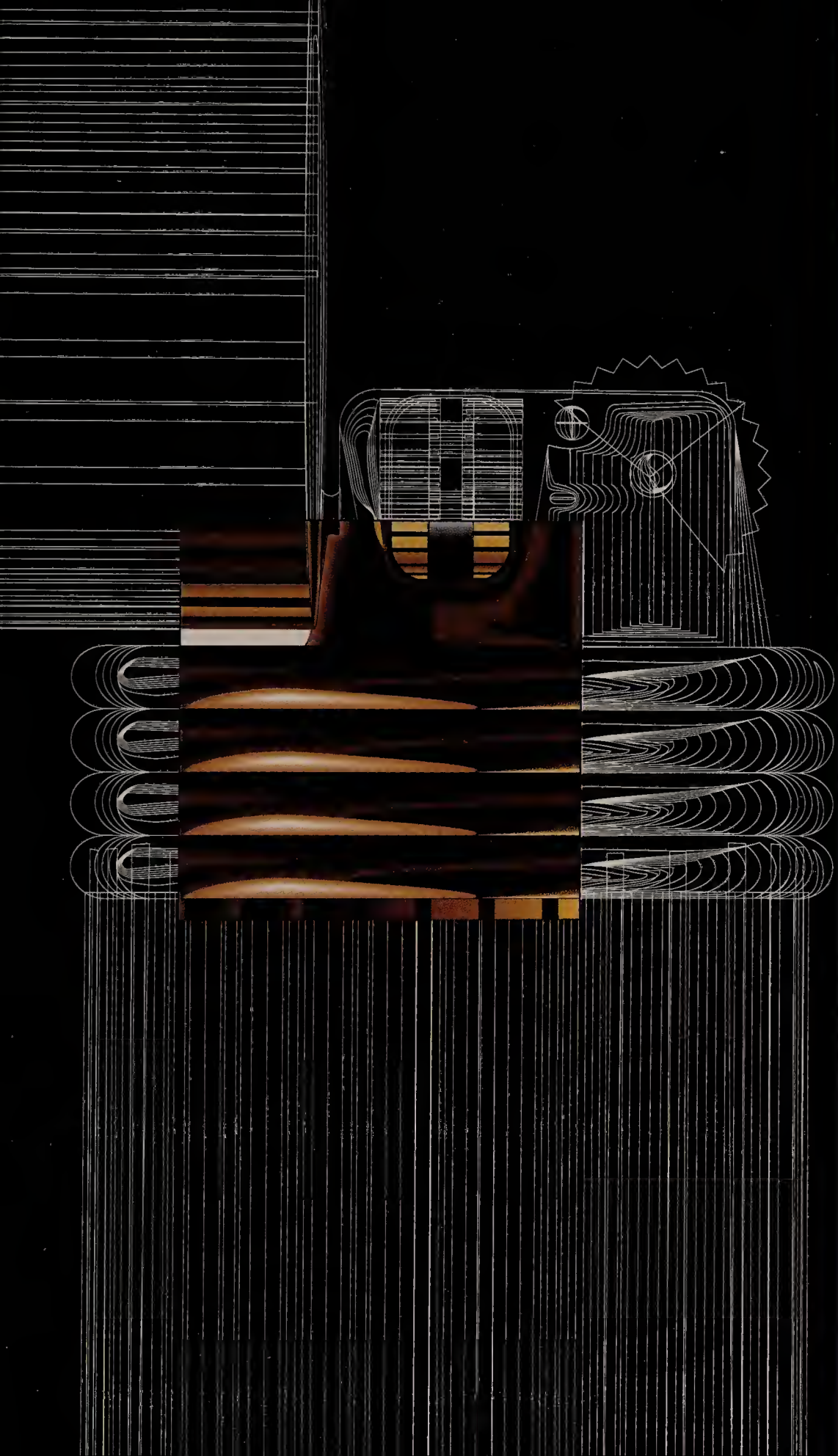
STYLING BRUSH



HAIR DRYER



PERSONAL ARTICLES



CONTENTS

DENTAL CARE373

RAZORS374

UMBRELLA AND STICK.....375

EYEGLASSES376

LEATHER GOODS.....378

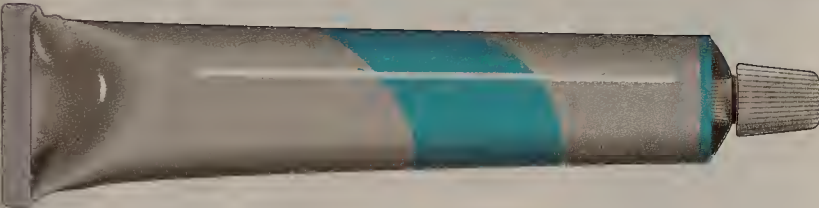
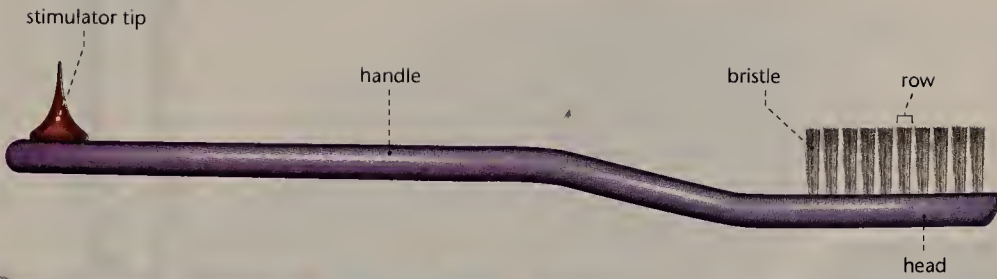
HANDBAGS.....380

LUGGAGE382

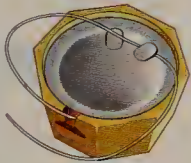
SMOKING ACCESSORIES.....384

DENTAL CARE

TOOTHBRUSH

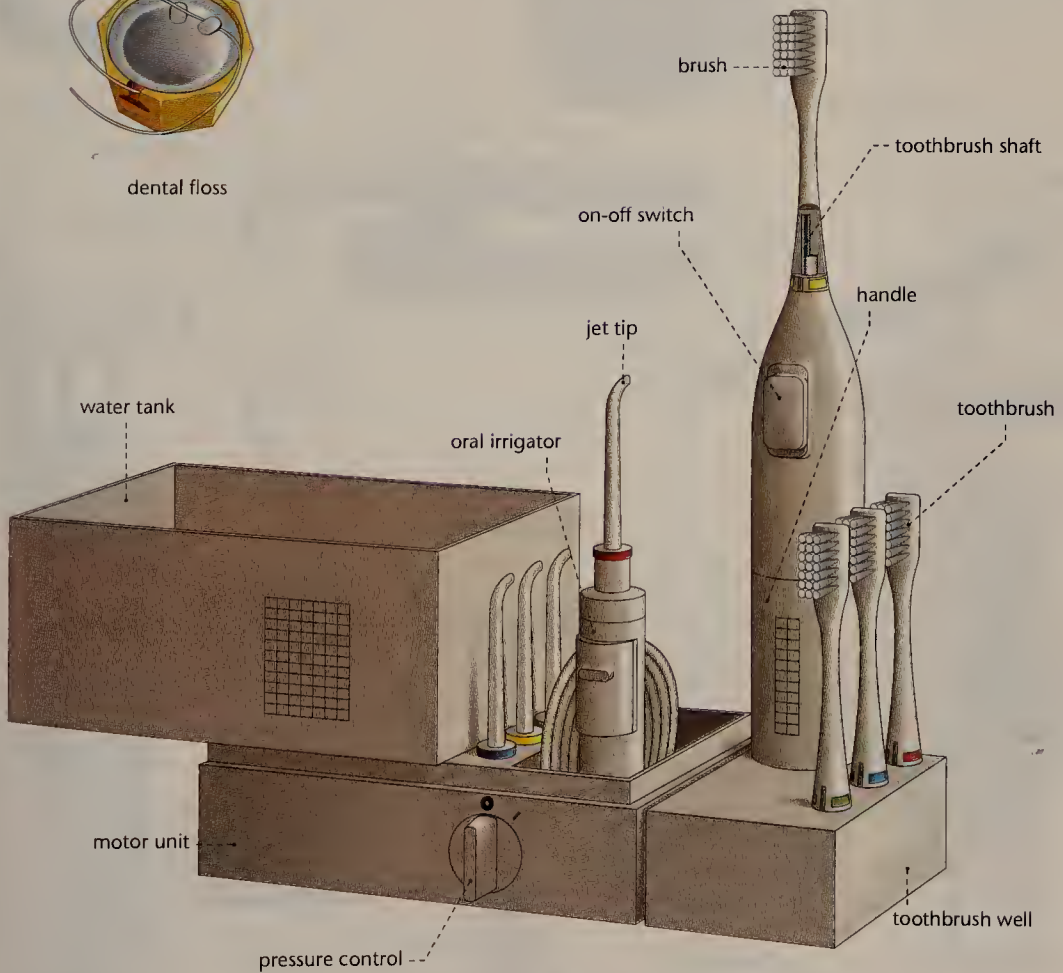


toothpaste



dental floss

ORAL HYGIENE CENTER

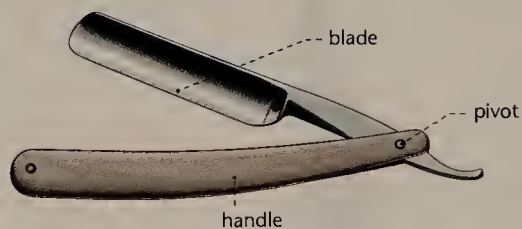


RAZORS

ELECTRIC RAZOR



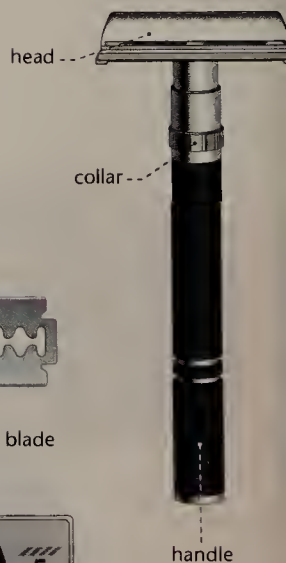
STRAIGHT RAZOR



plug adapter



DOUBLE-EDGE RAZOR

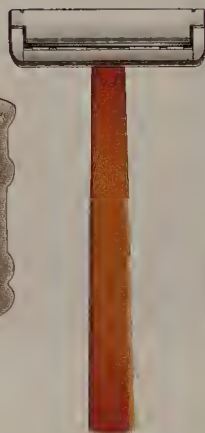


SHAVING BRUSH



shaving mug

disposable razor



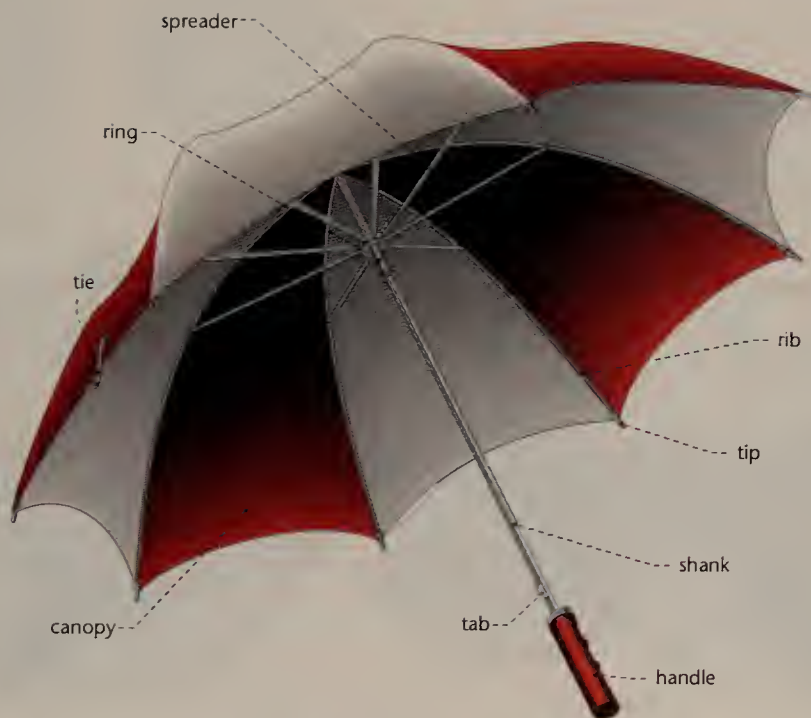
double-edge blade



blade injector

UMBRELLA AND STICK

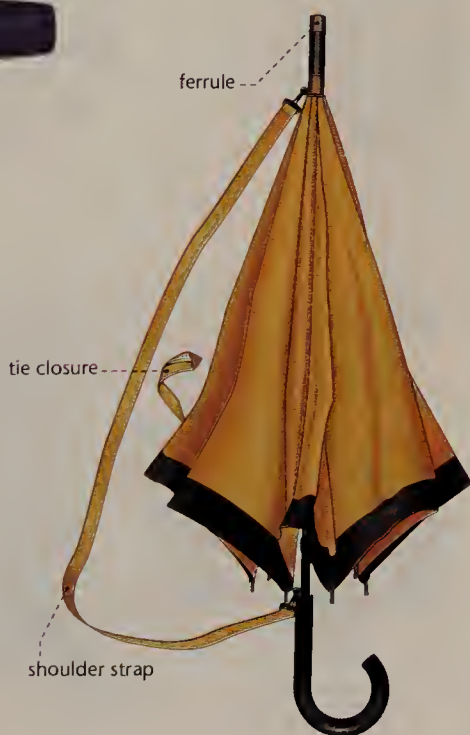
UMBRELLA



TELESCOPIC UMBRELLA



STICK UMBRELLA



umbrella stand



swagger stick

walking stick

EYEGLASSES

EYEGLASSES PARTS



BIFOCAL LENS



MAJOR TYPES OF EYEGLASSES



scissors-glasses



half-glasses



sunglasses



pince-nez



lorgnette



monocle



opera glasses

ATTACHÉ CASE



BRIEFCASE



BOTTOM-FOLD PORTFOLIO



underarm portfolio



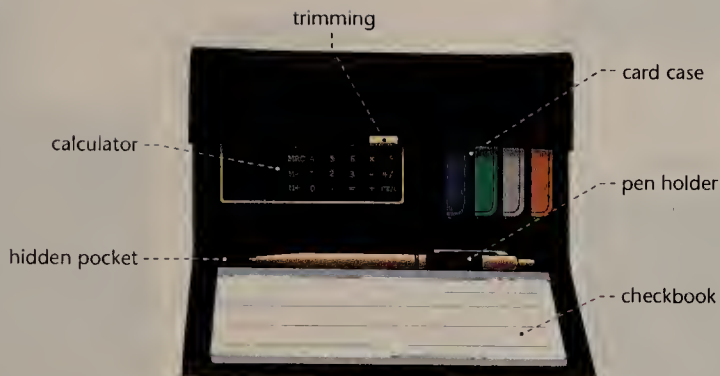
writing case



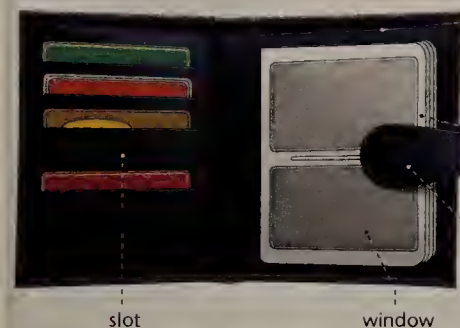
CHECKBOOK/SECRETARY CLUTCH



eyeglasses case



CARD CASE



bill compartment

windows

tab

key case



billfold



purse



wallet



checkbook



passport case



coin purse



HANDBAGS

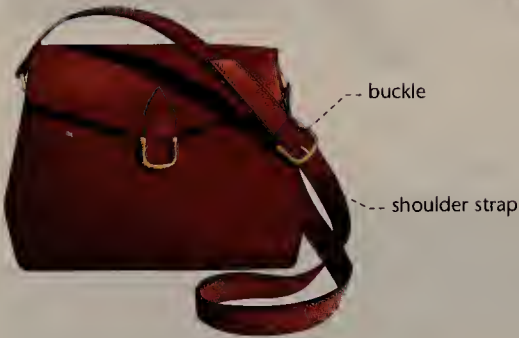
men's bag



SATCHEL BAG



SHOULDER BAG



ACCORDION BAG



tote bag



duffel bag



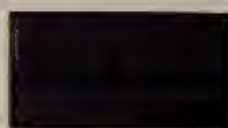
hobo bag



sea bag



box bag



clutch bag

DRAWSTRING BAG



duffel bag



muff



shopping bag



carrier bag

LUGGAGE

CARRY-ON BAG



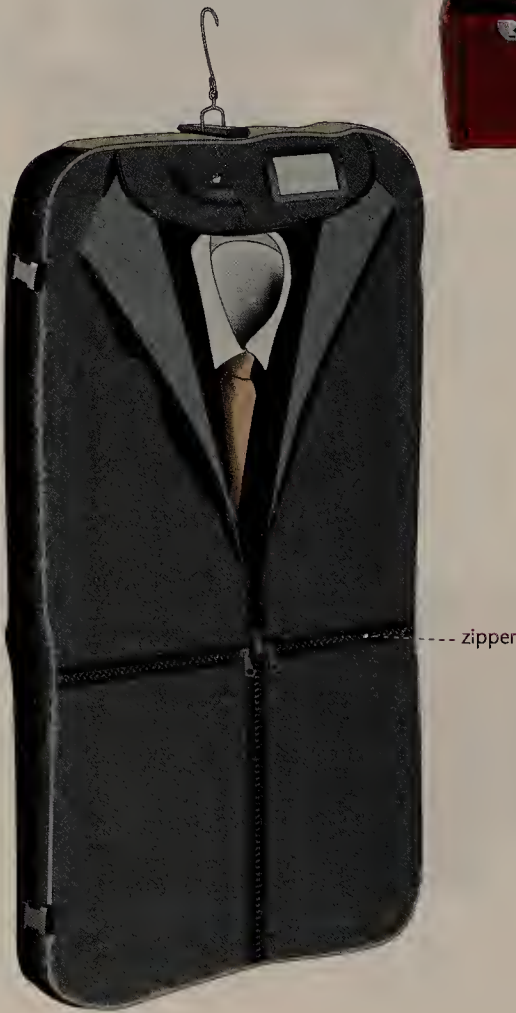
tote bag



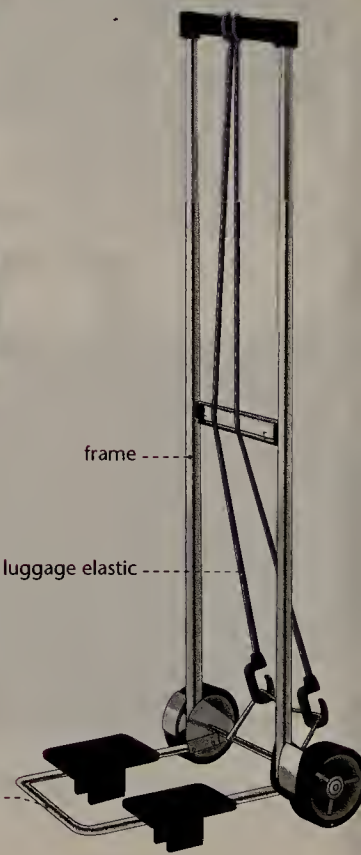
VANITY CASE



GARMENT BAG



LUGGAGE CARRIER



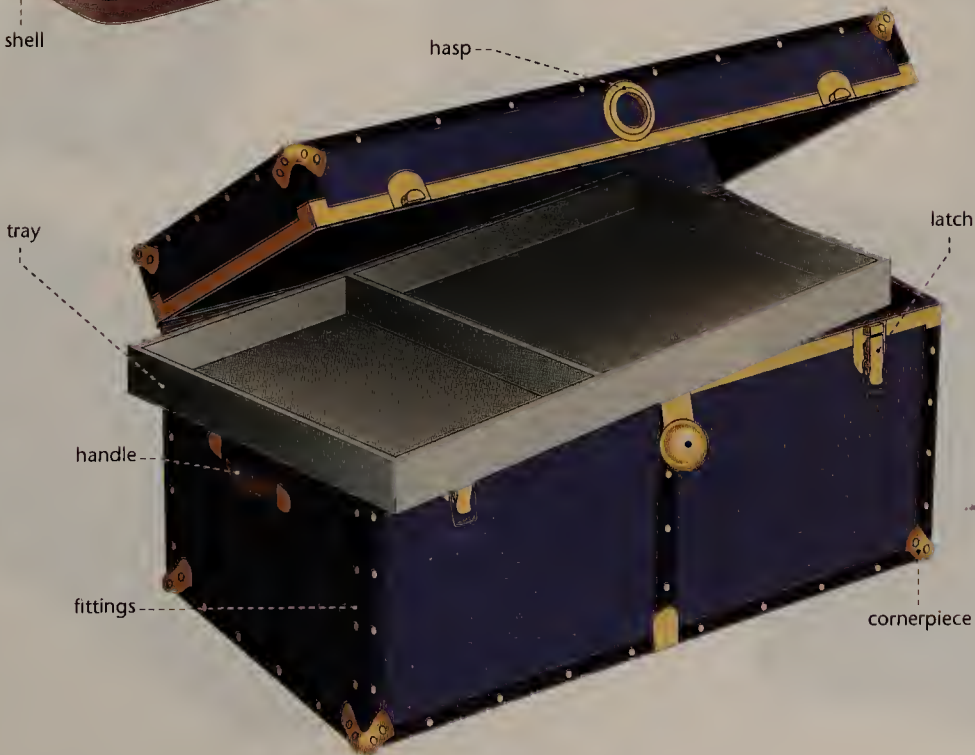
PULLMAN CASE



WEEKENDER

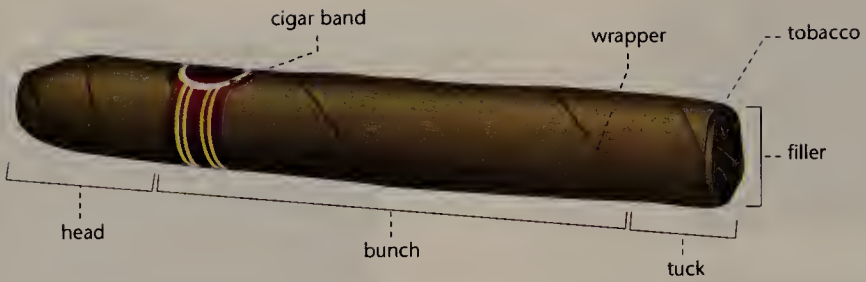


TRUNK



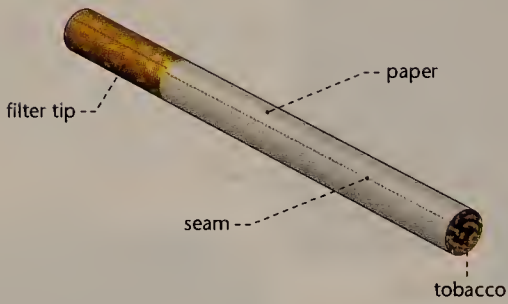
SMOKING ACCESSORIES

CIGAR



cigarette holder

CIGARETTE



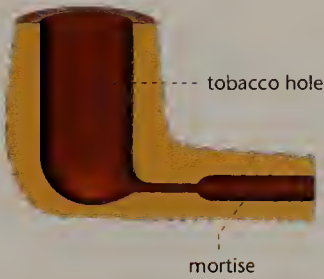
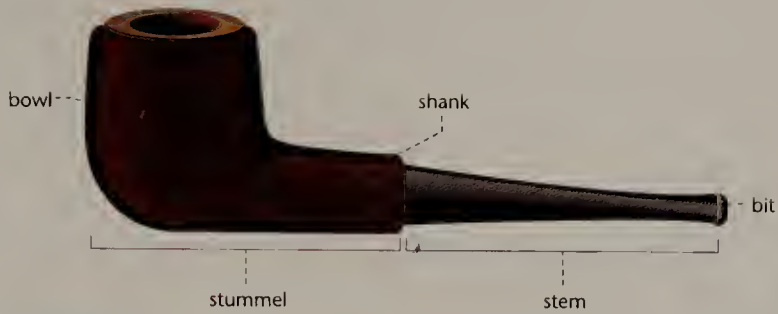
cigarette papers

CIGARETTE PACK

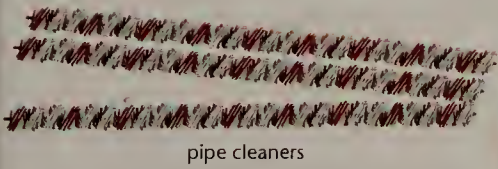
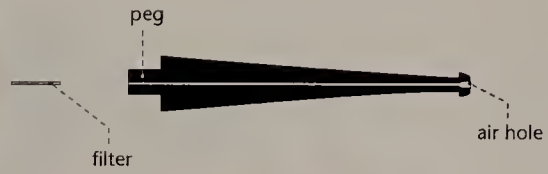


carton





CROSS SECTION OF A PIPE

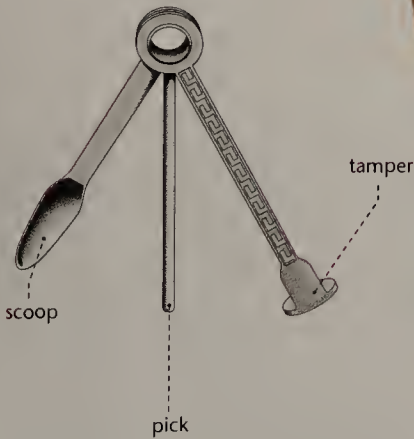


pipe cleaners



pipe rack

PIPE TOOLS



scoop

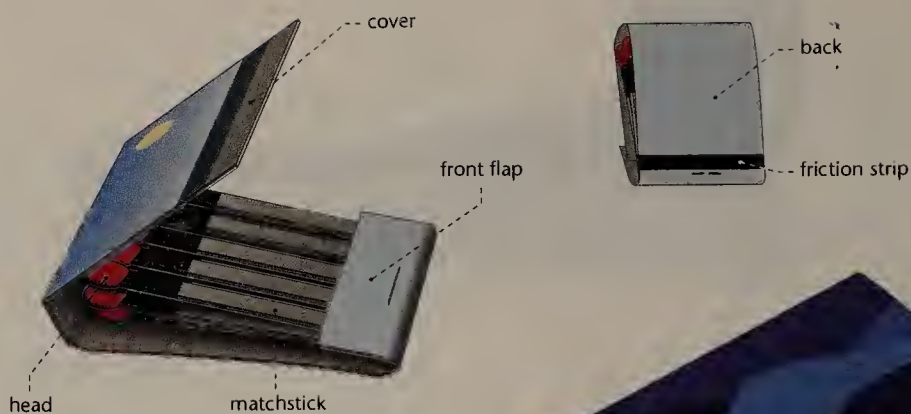
pick

tamper



tobacco pouch

MATCHBOOK

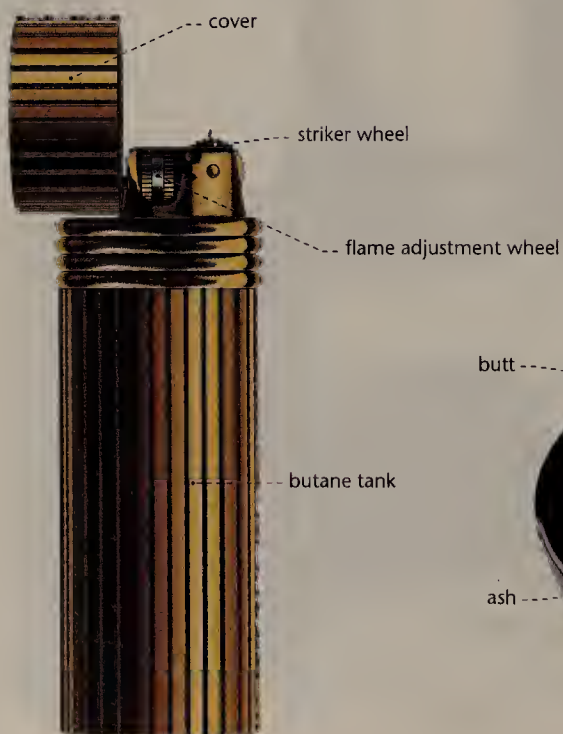


MATCHBOX

safety match



GAS LIGHTER



ASHTRAY

butt

ash



COMMUNICATIONS



CONTENTS

WRITING INSTRUMENTS.....	389
PHOTOGRAPHY	390
SOUND REPRODUCING SYSTEM.....	400
DYNAMIC MICROPHONE	406
HEADPHONES	406
RADIO: STUDIO AND CONTROL ROOM	407
PORTABLE SOUND SYSTEMS	408
VIDEO CAMERA	409
TELEVISION.....	410
MOBILE UNIT.....	415
BROADCAST SATELLITE COMMUNICATION	416
TELECOMMUNICATIONS BY SATELLITE	417
TELECOMMUNICATION SATELLITES	418
COMMUNICATION BY TELEPHONE	420

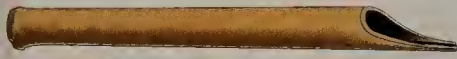
WRITING INSTRUMENTS



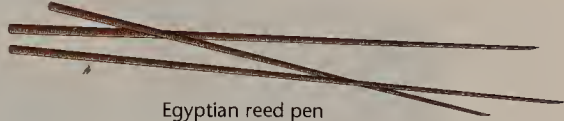
quill



Roman metal pen



cane pen



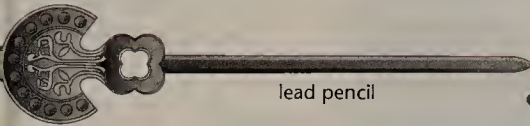
Egyptian reed pen



writing brush



stylus



lead pencil



steel pen

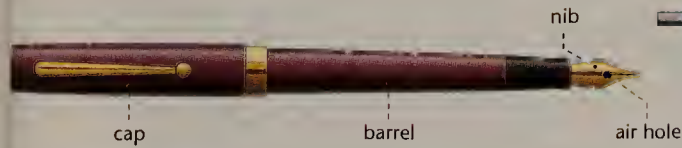


pencil



marker

FOUNTAIN PEN



cap

barrel

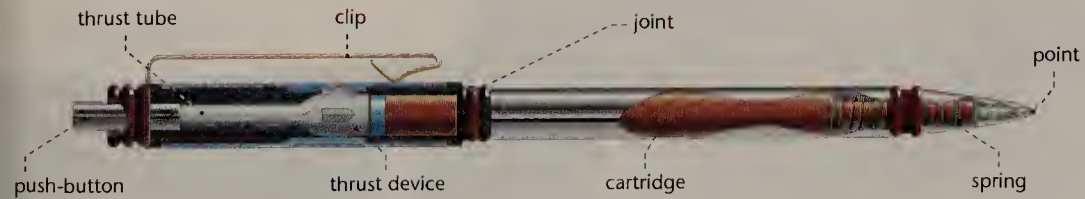
nib

air hole



mechanical pencil

BALLPOINT PEN



thrust tube

clip

joint

point

push-button

thrust device

cartridge

spring



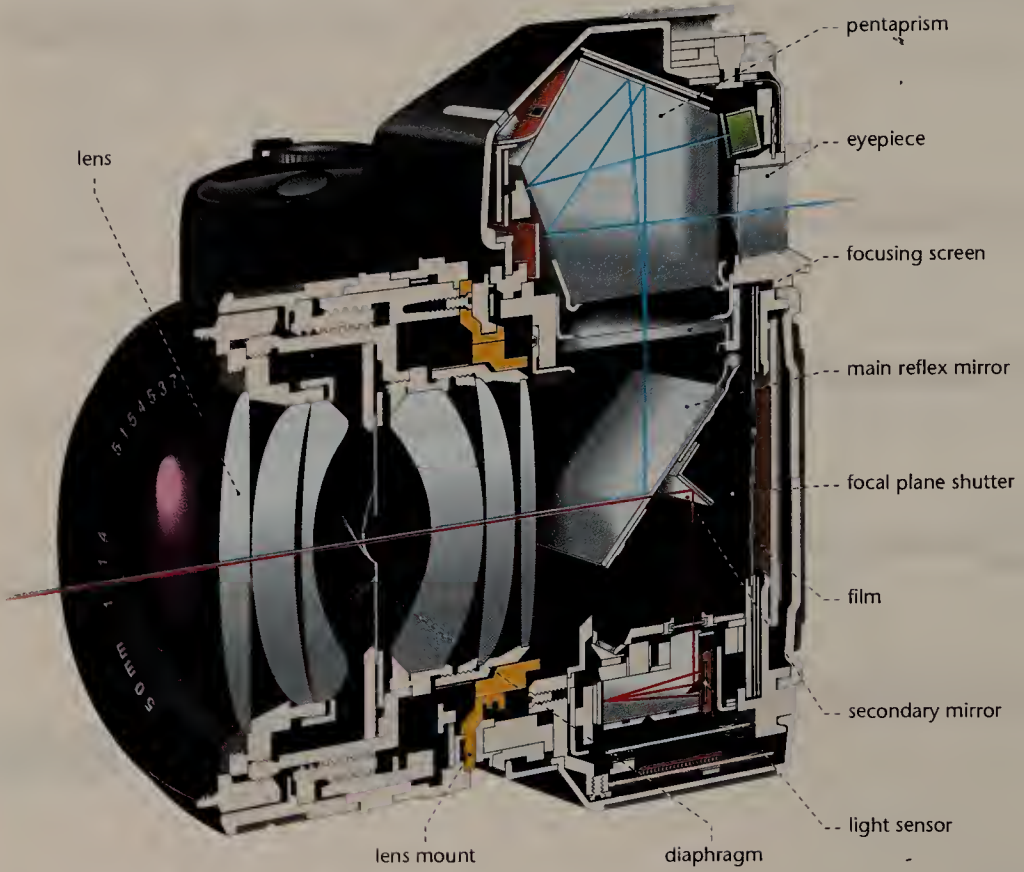
refill



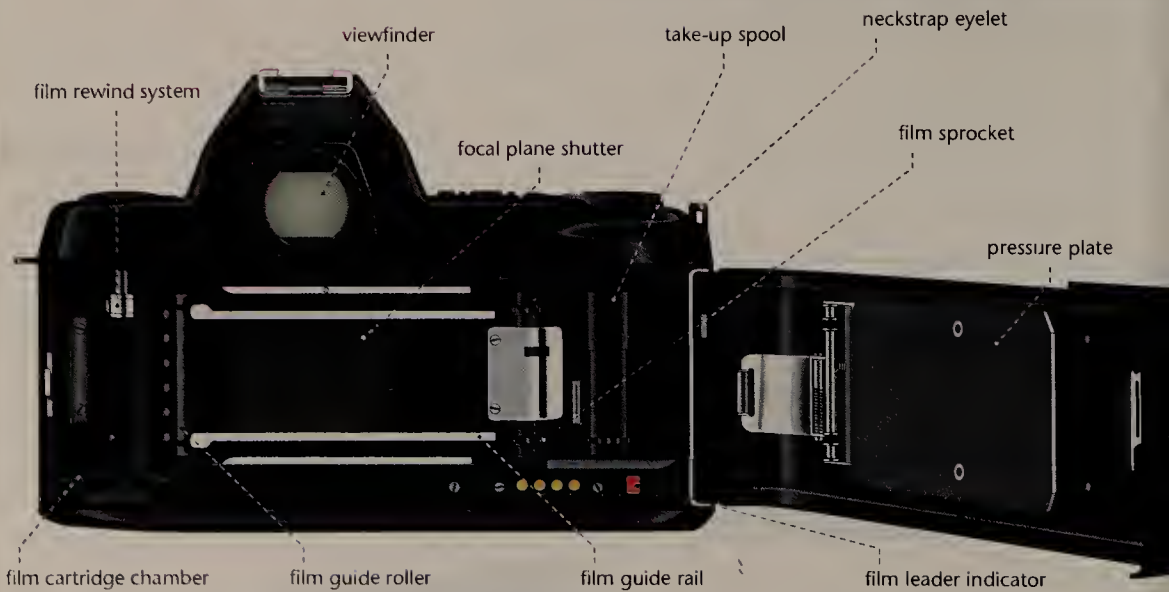
ink

ball bearing

CROSS SECTION OF A REFLEX CAMERA



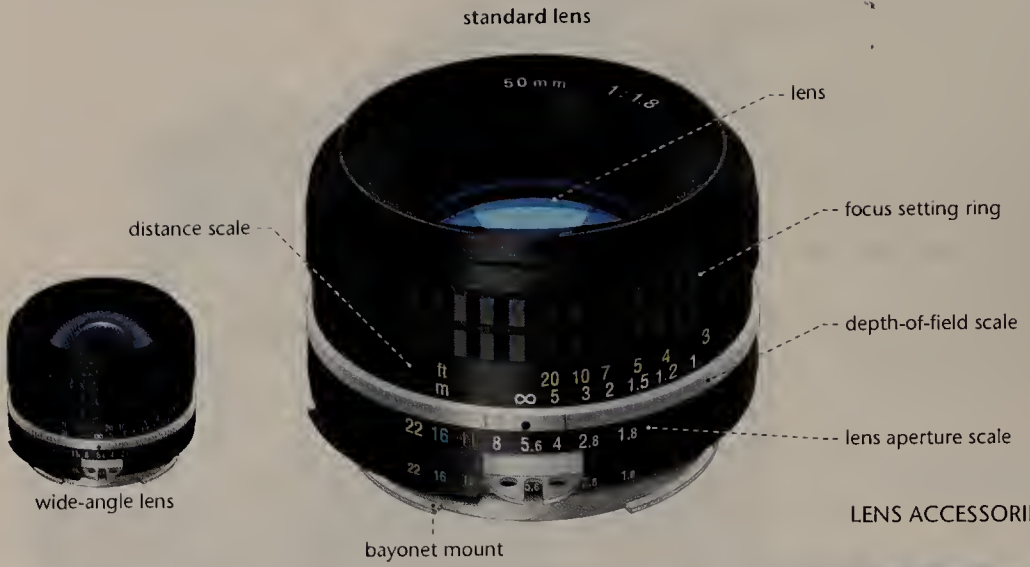
CAMERA BACK



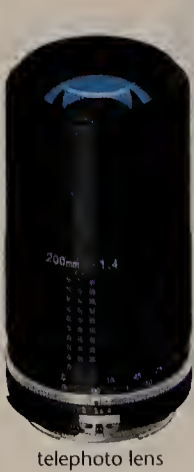
SINGLE-LENS REFLEX (SLR) CAMERA



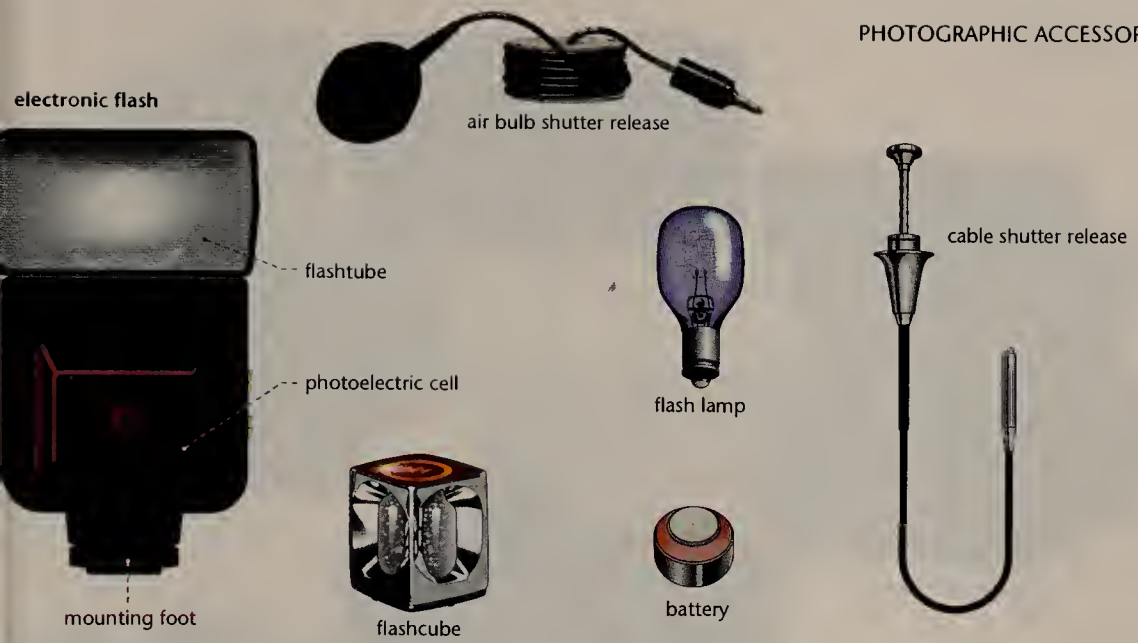
LENSES



LENS ACCESSORIES



PHOTOGRAPHIC ACCESSORIES



TRIPOD



STILL CAMERAS



Polaroid® Land camera



rangefinder



underwater camera



single-lens reflex camera



disposable camera



twin-lens reflex camera

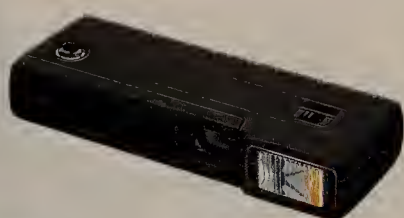


view camera

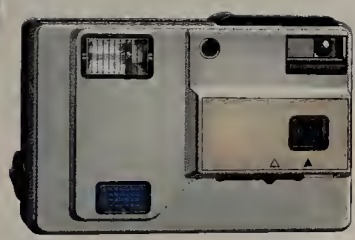
STILL CAMERAS



medium format SLR (6 x 6)



pocket camera



disk camera



stereo camera



still video camera

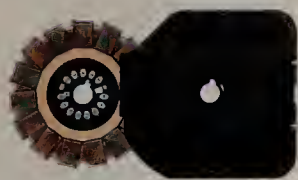
FILMS



still video film disk



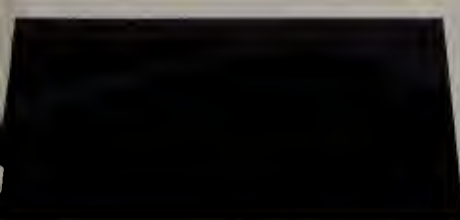
cassette film



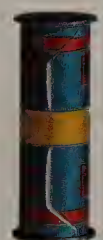
film disk



cartridge film



sheet film



roll film



film pack

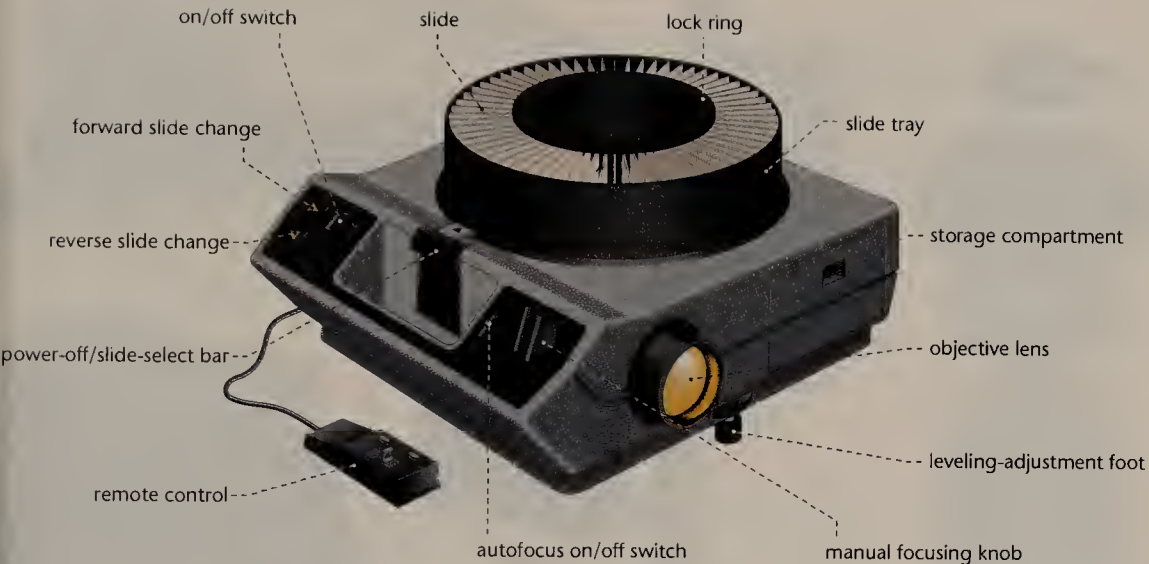
EXPOSURE METER



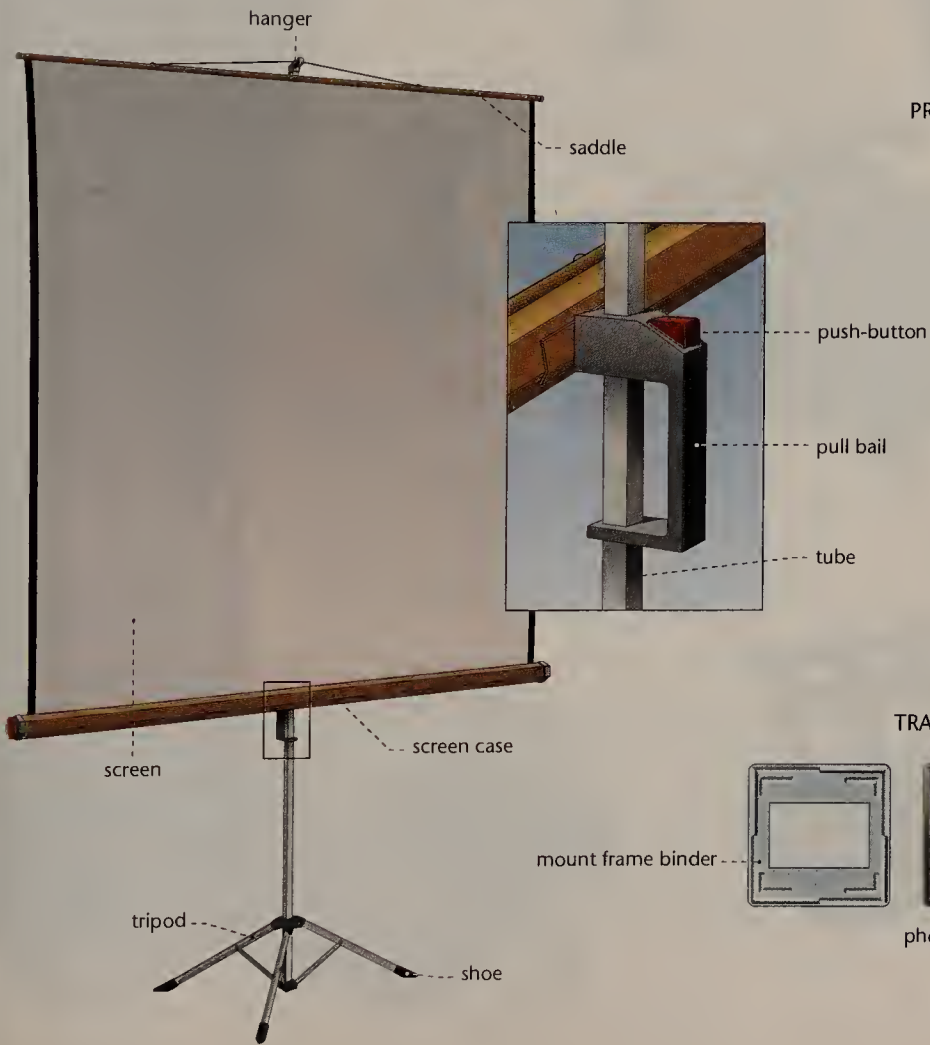
SPOTMETER



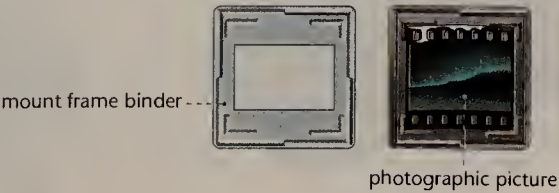
SLIDE PROJECTOR



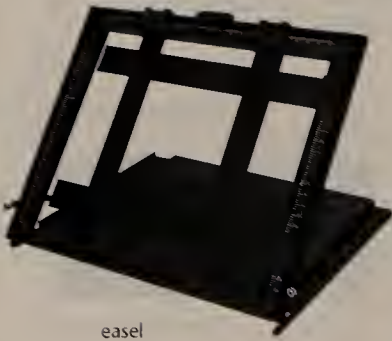
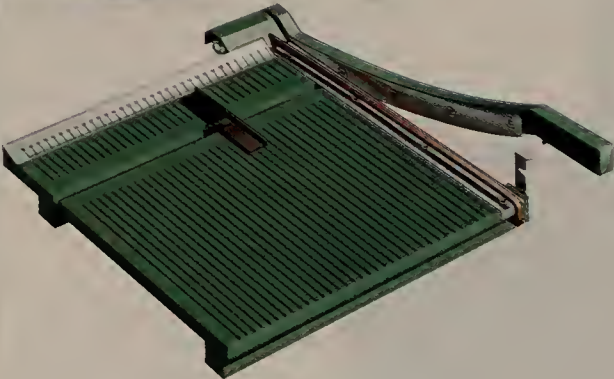
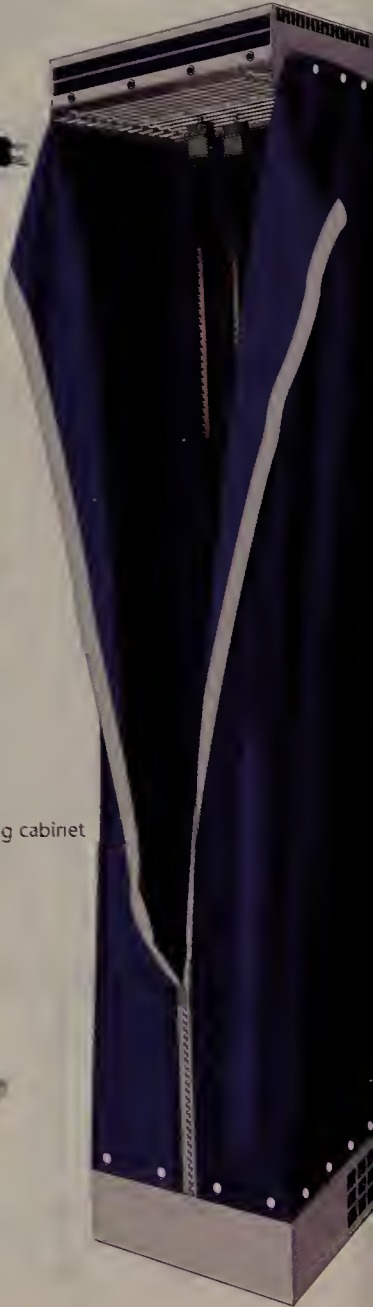
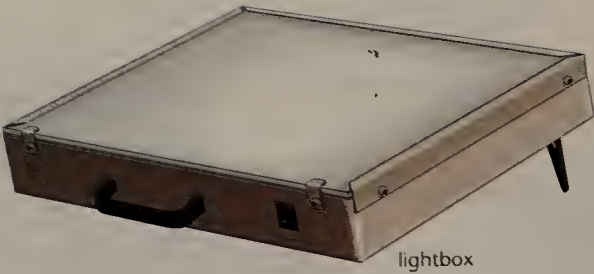
PROJECTION SCREEN



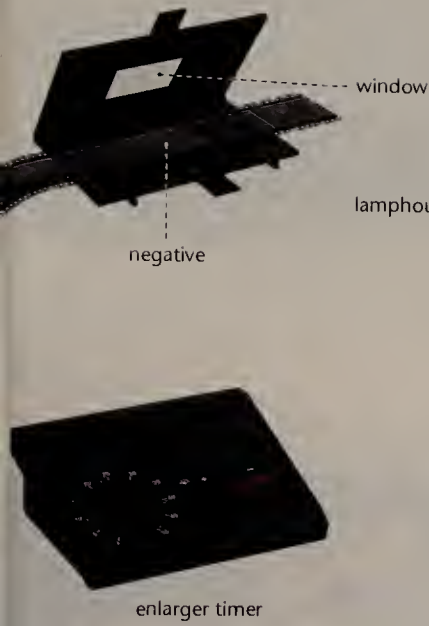
TRANSPARENCY SLIDE



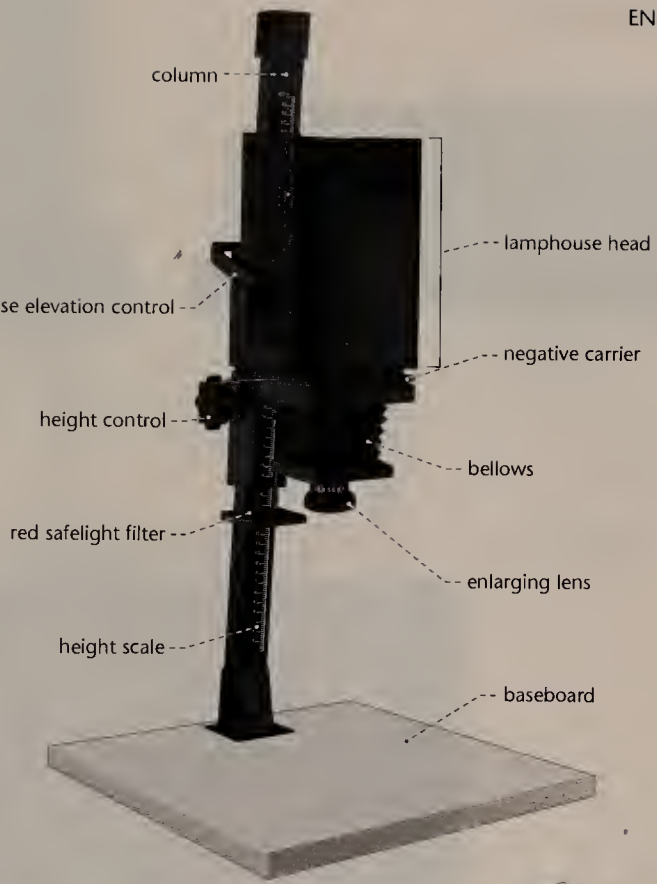
DEVELOPING TANK



NEGATIVE CARRIER



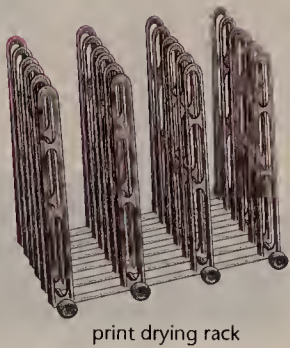
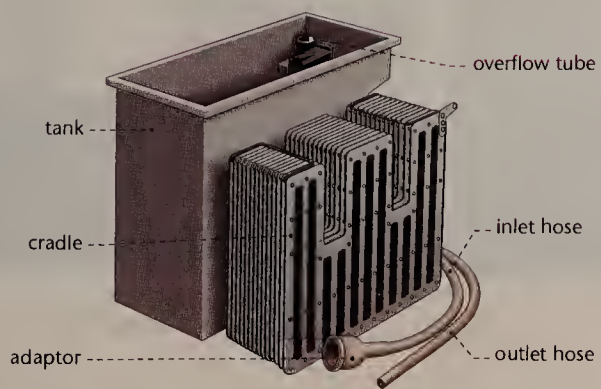
ENLARGER



DEVELOPING BATHS

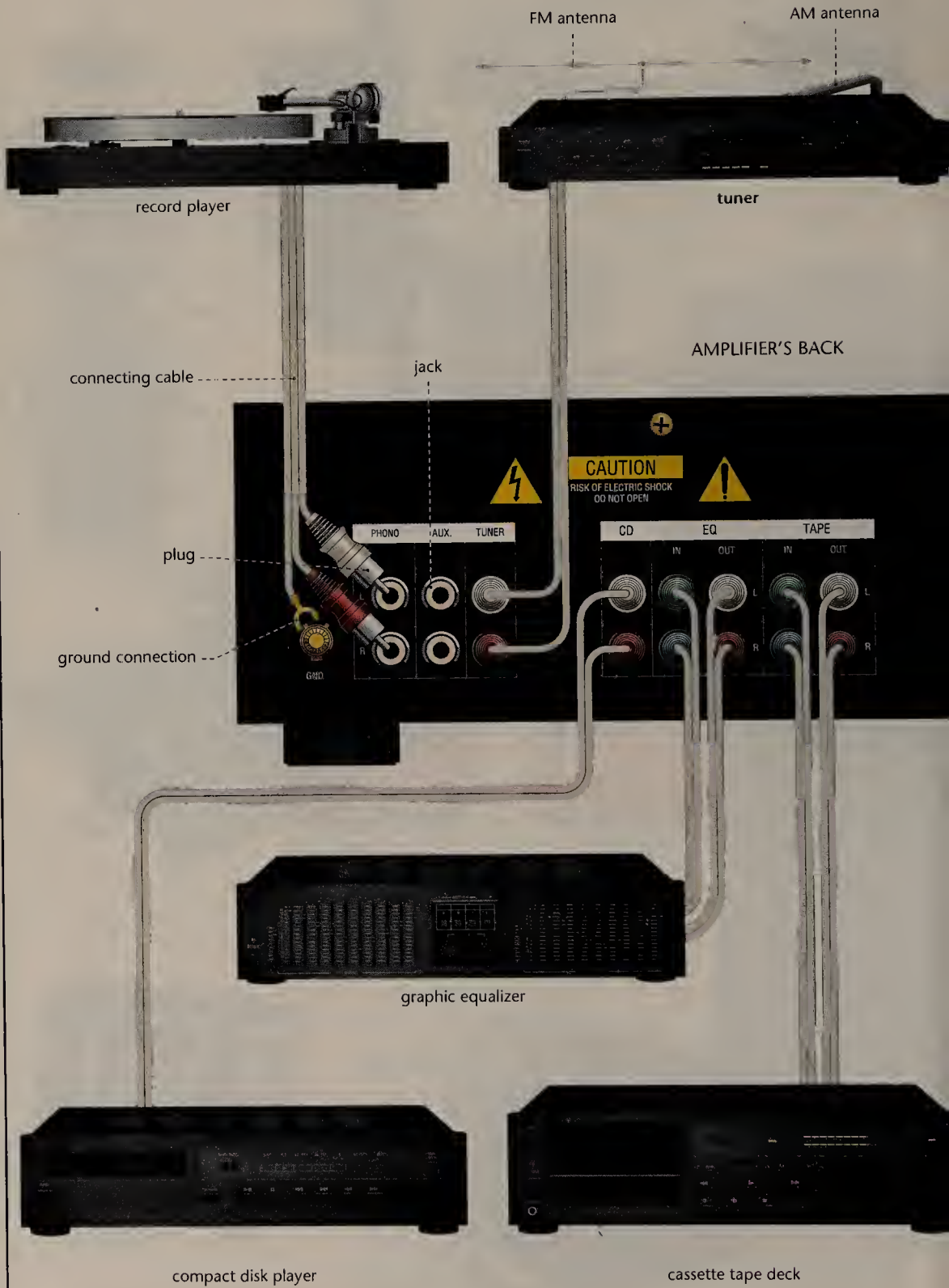


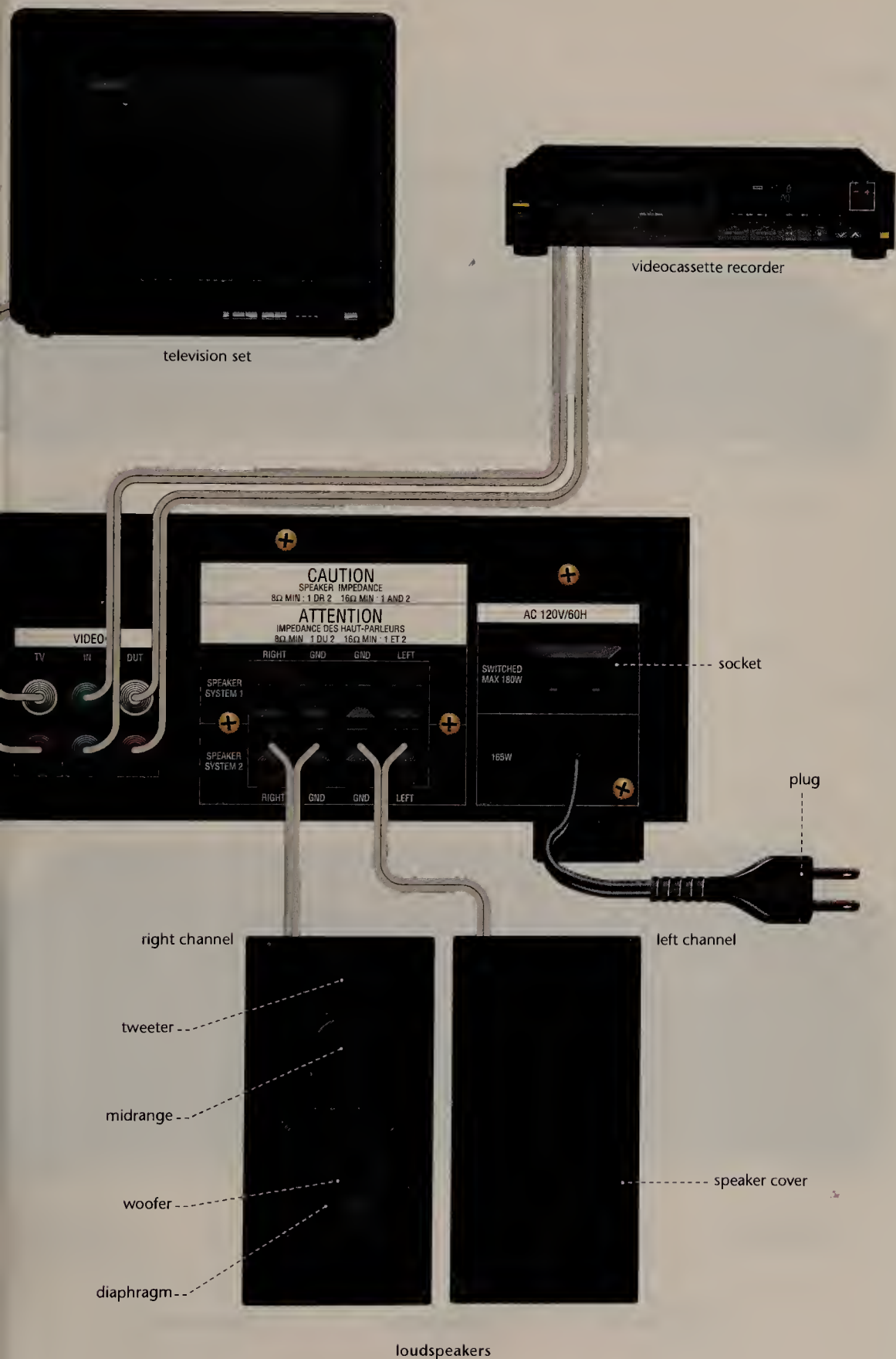
PRINT WASHER



SOUND REPRODUCING SYSTEM

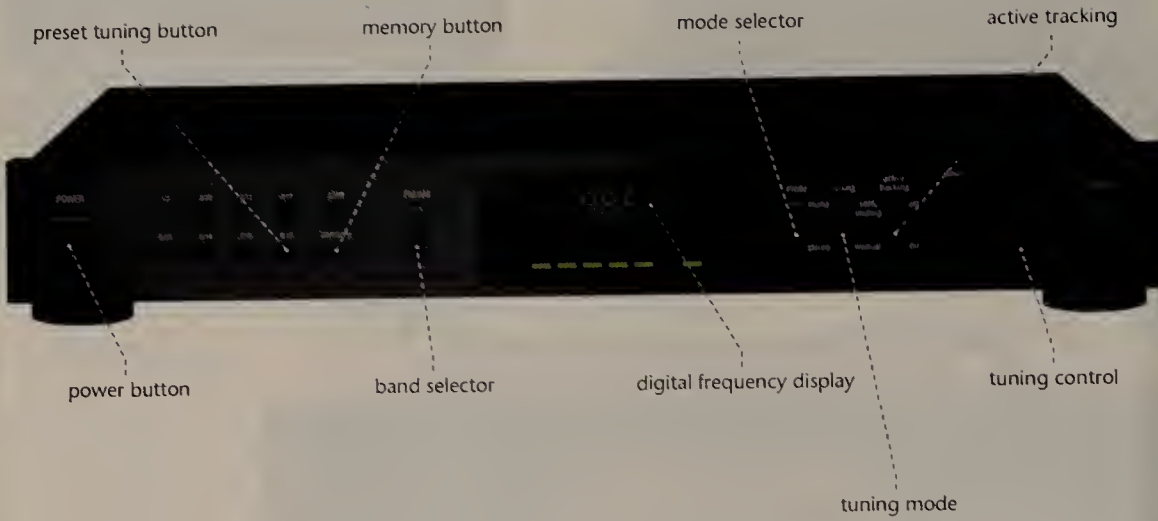
SYSTEM COMPONENTS



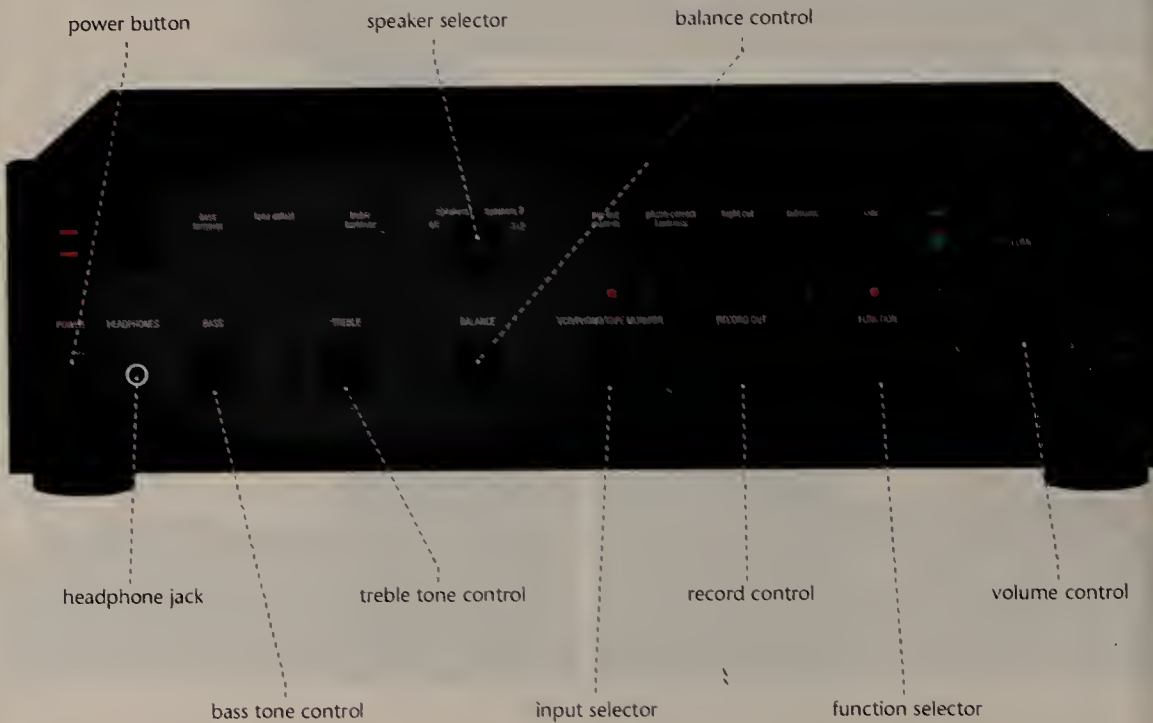


SOUND REPRODUCING SYSTEM

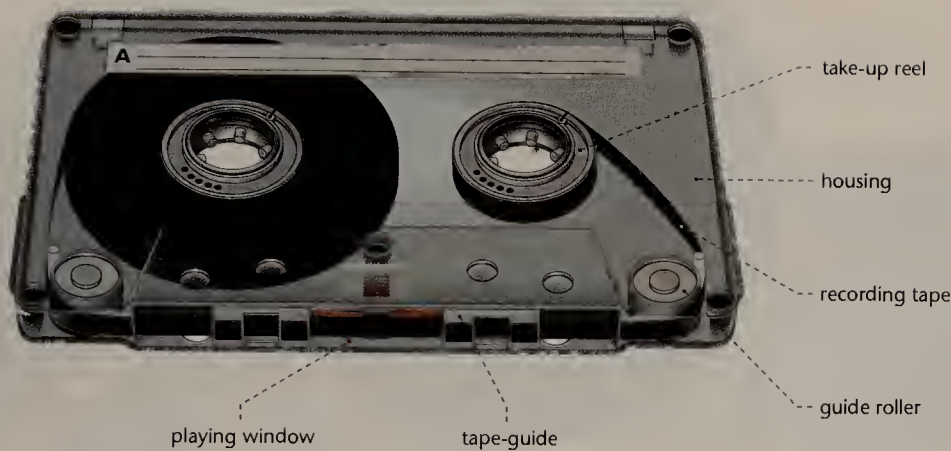
TUNER



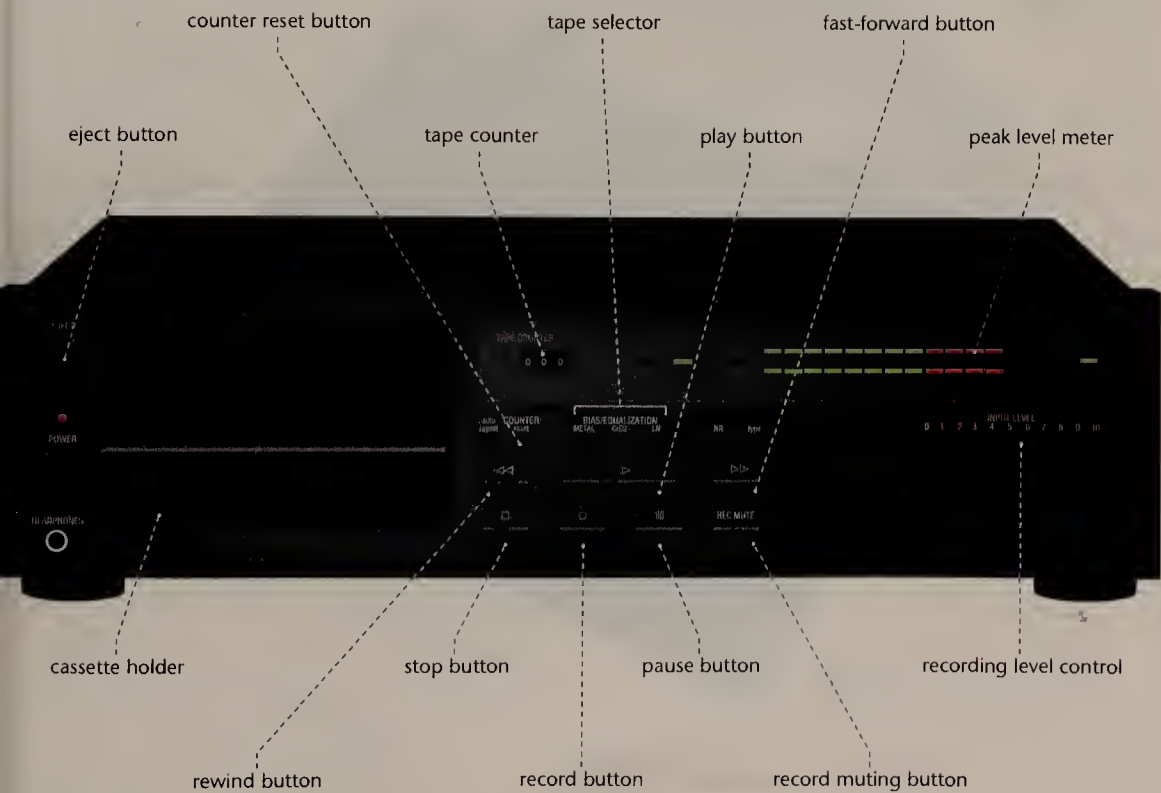
AMPLIFIER



CASSETTE



CASSETTE TAPE DECK

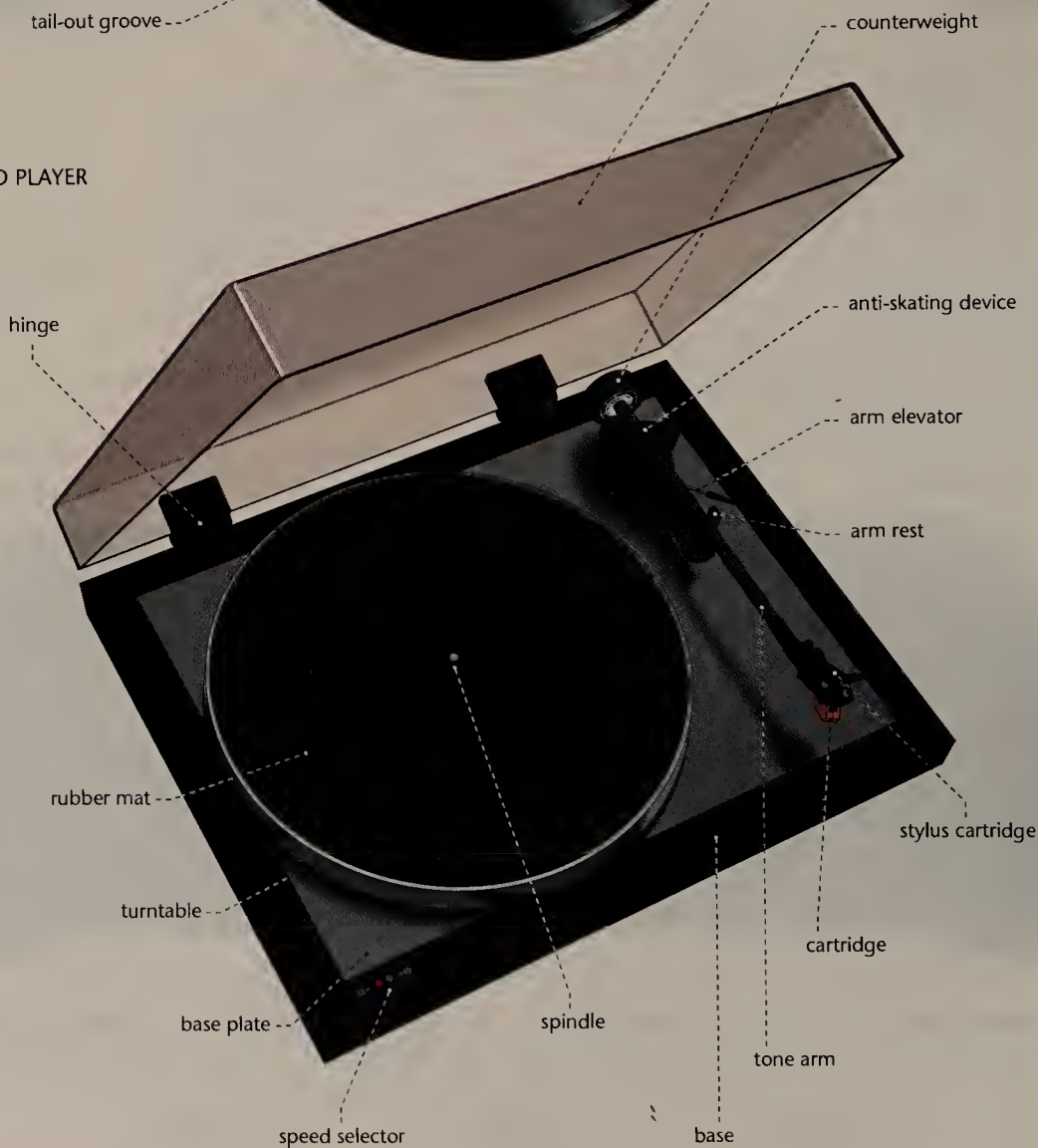


SOUND REPRODUCING SYSTEM

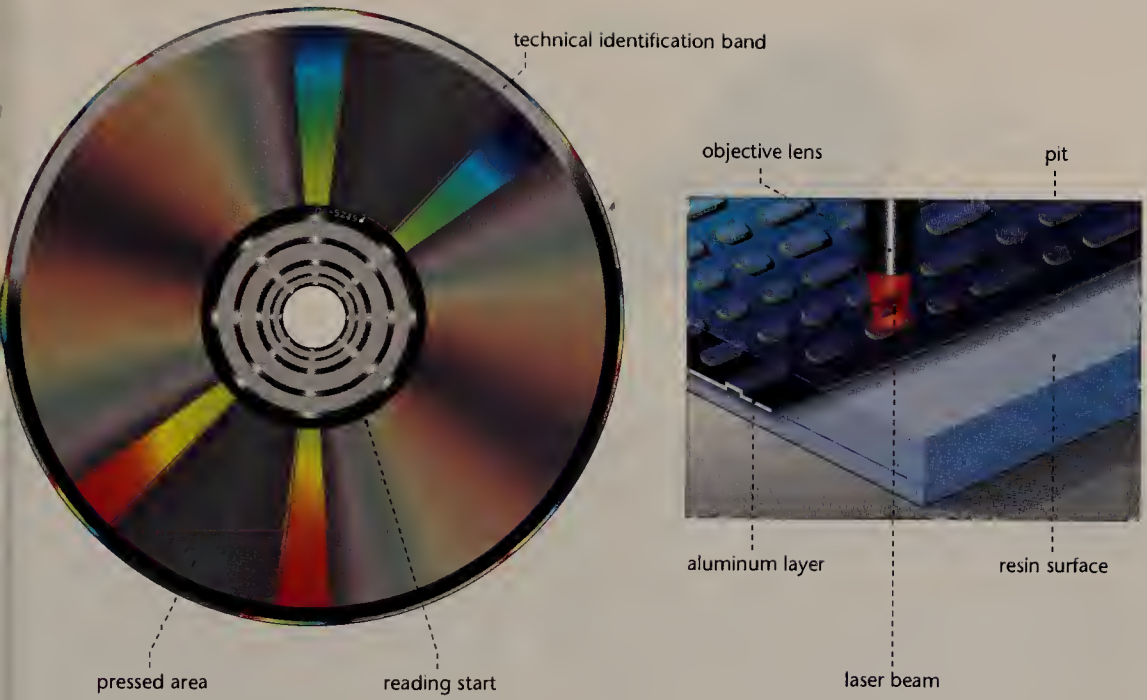
RECORD



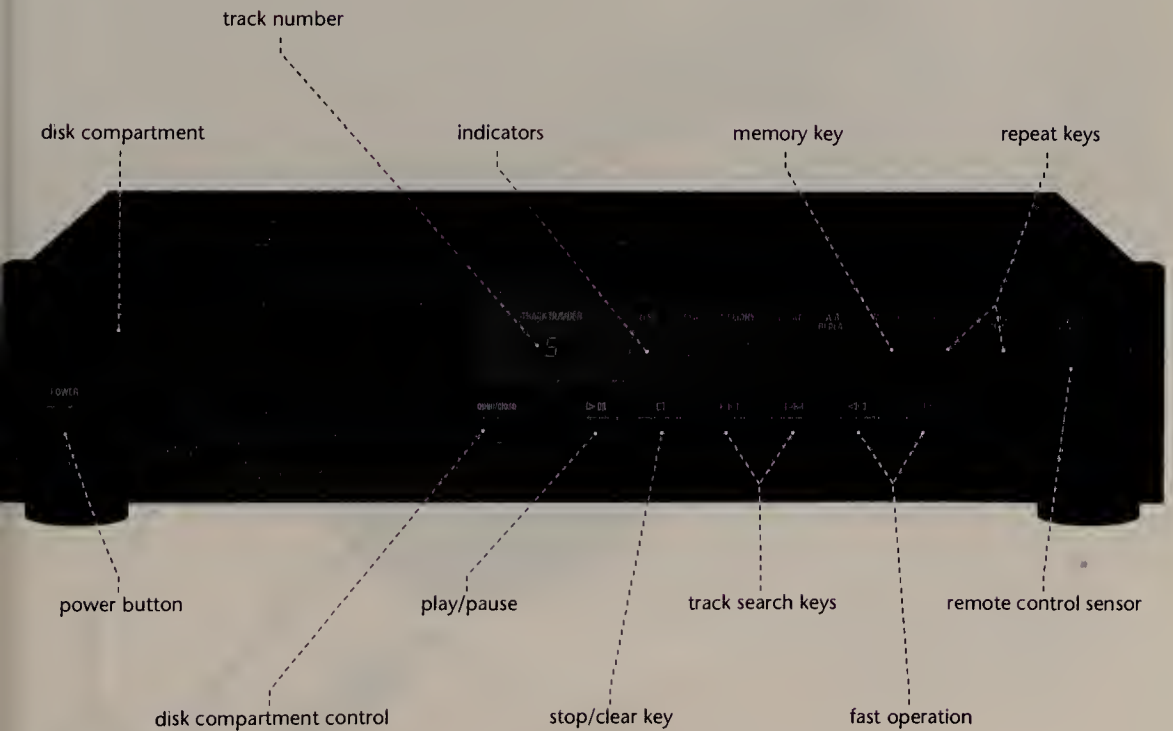
RECORD PLAYER



COMPACT DISK



COMPACT DISK PLAYER



DYNAMIC MICROPHONE



HEADPHONES



RADIO: STUDIO AND CONTROL ROOM



studio

tone leader generator

cartridge tape recorder

microphone

clock

digital audio tape recorder

announcer turret

volume unit meters

compact disk player

on-air warning light

audio monitor

cassette deck

stop watch

jack field

bargraph type peak meter

turntable

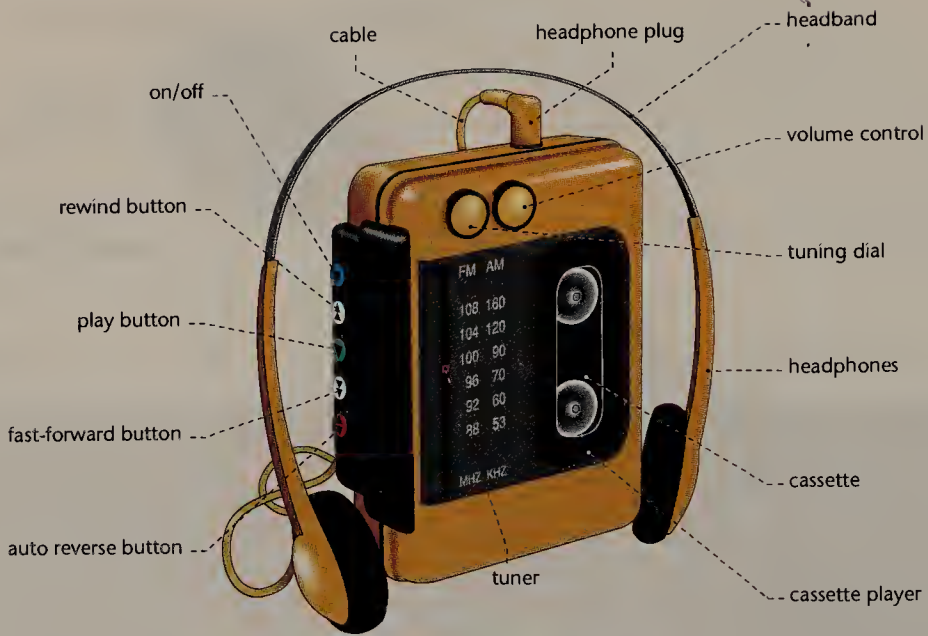
producer turret

audio console

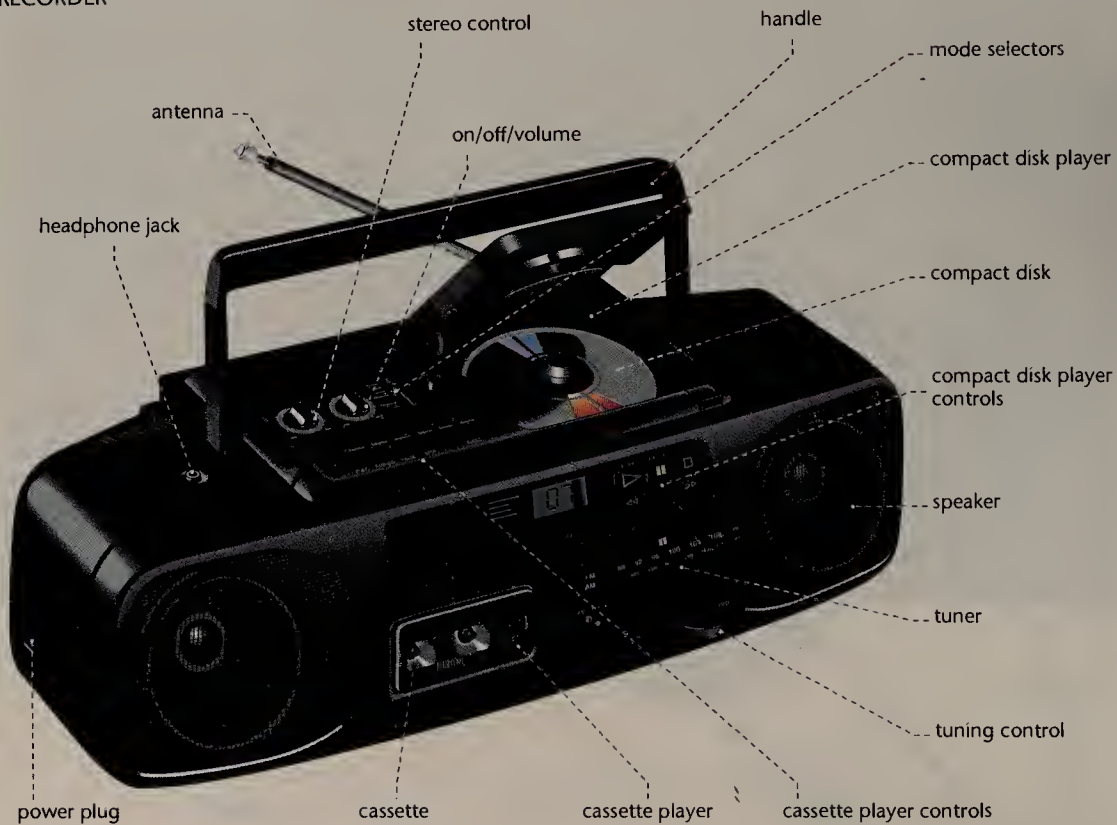
control room

PORTABLE SOUND SYSTEMS

PERSONAL RADIO CASSETTE
PLAYER



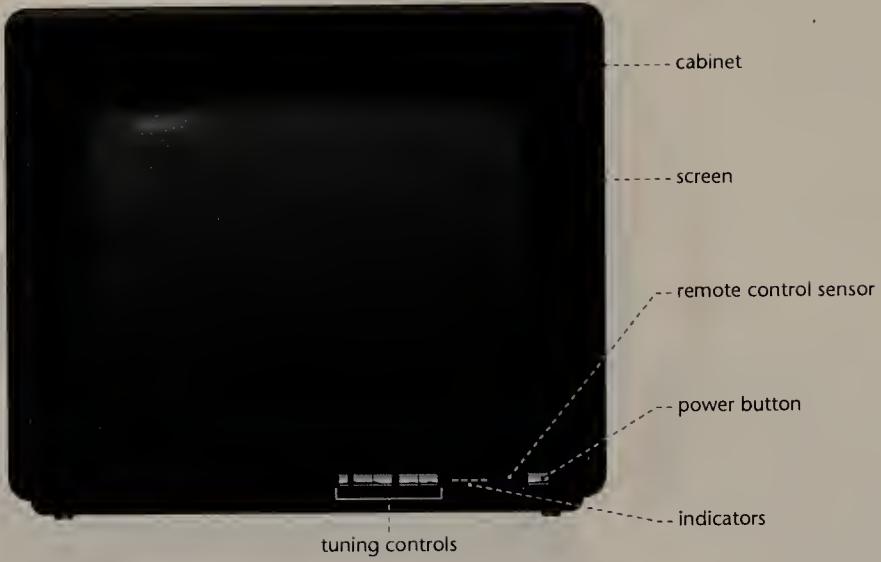
PORTABLE CD RADIO CASSETTE
RECORDER



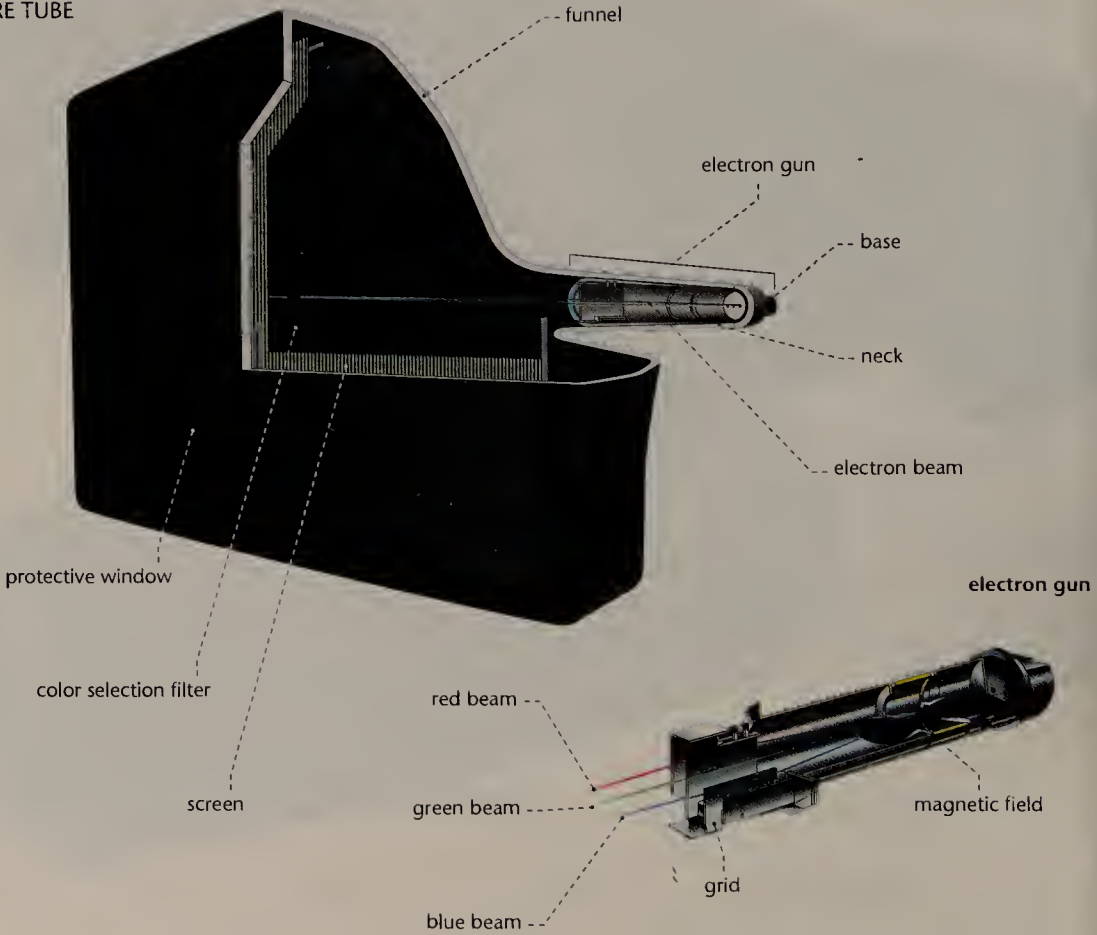
VIDEO CAMERA



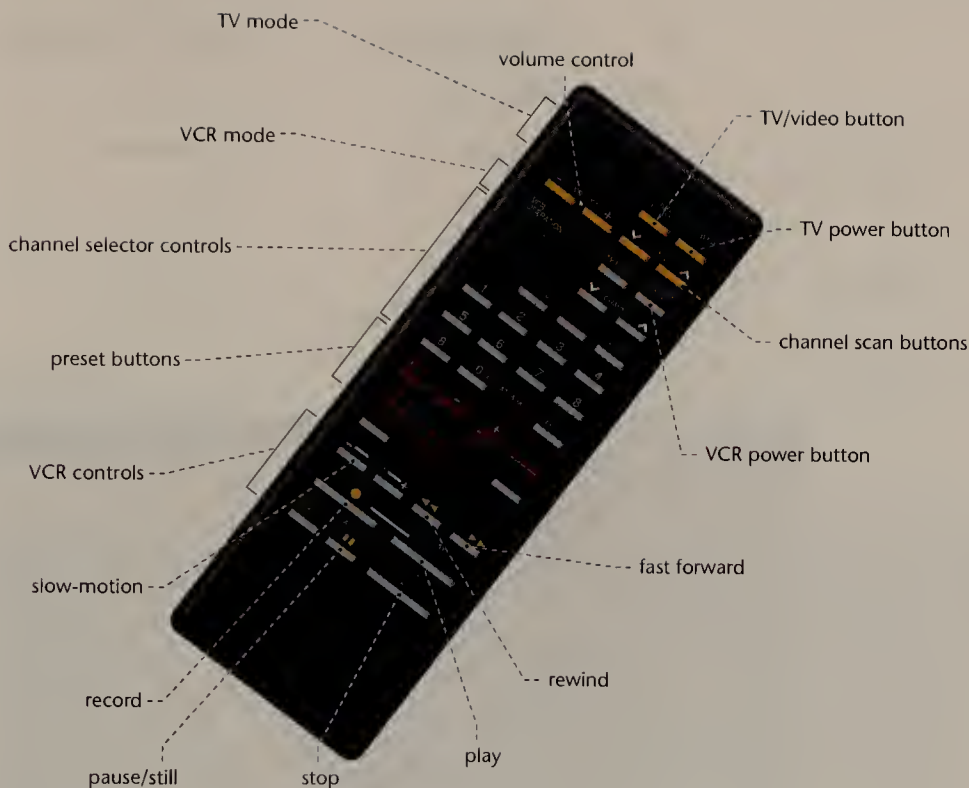
TELEVISION SET



PICTURE TUBE



REMOTE CONTROL



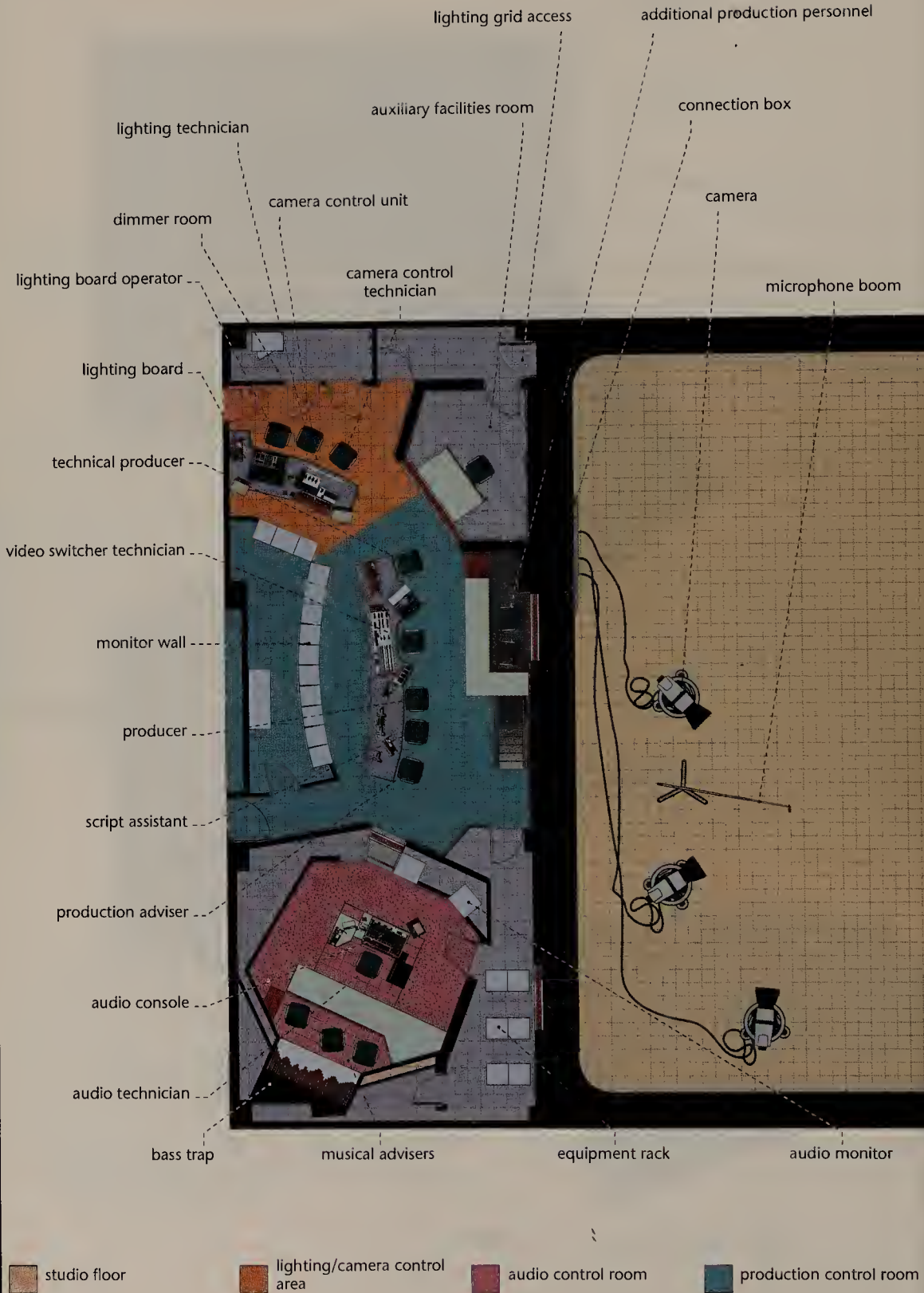
VIDEOCASSETTE RECORDER



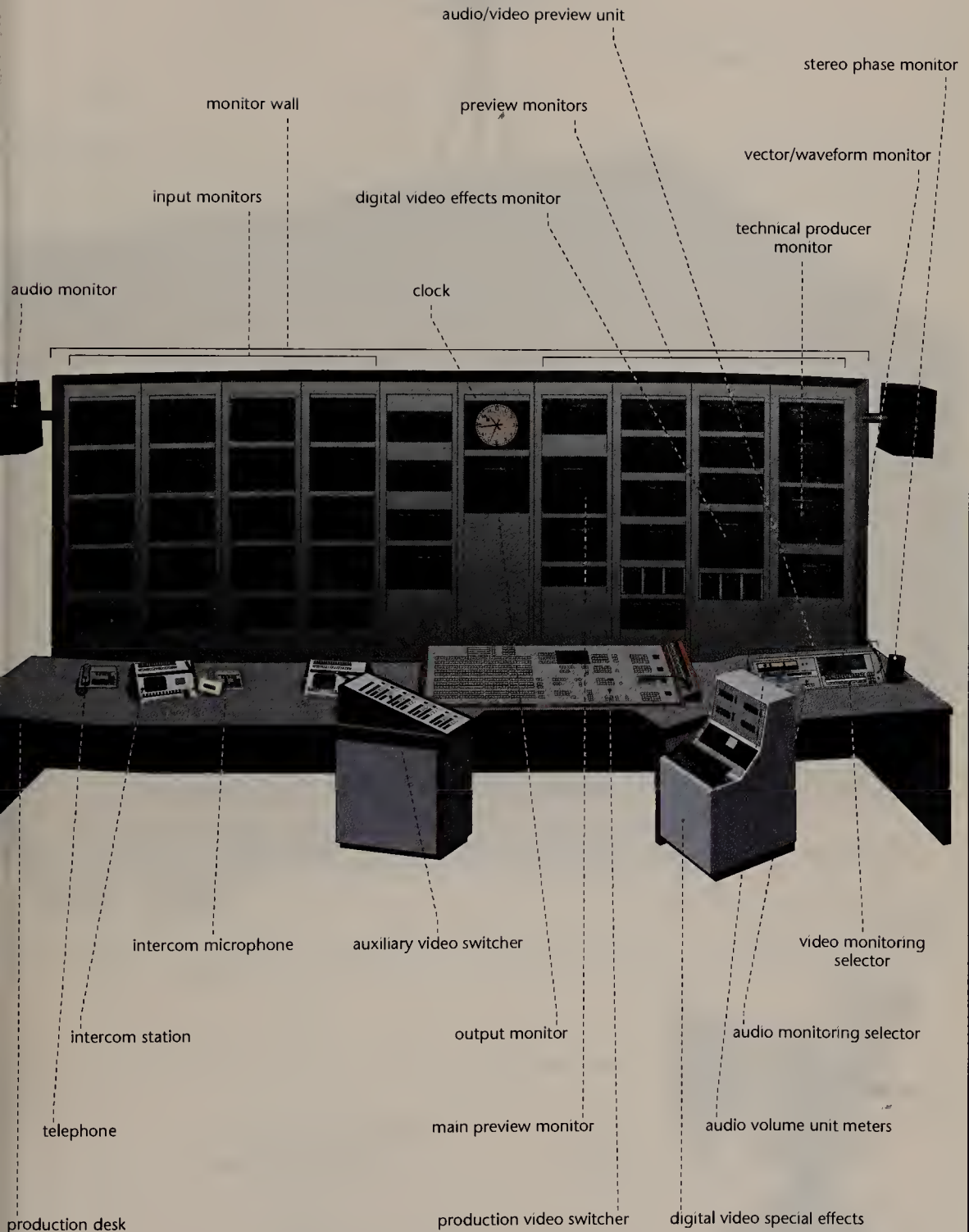
TELEVISION

STUDIO AND CONTROL ROOMS

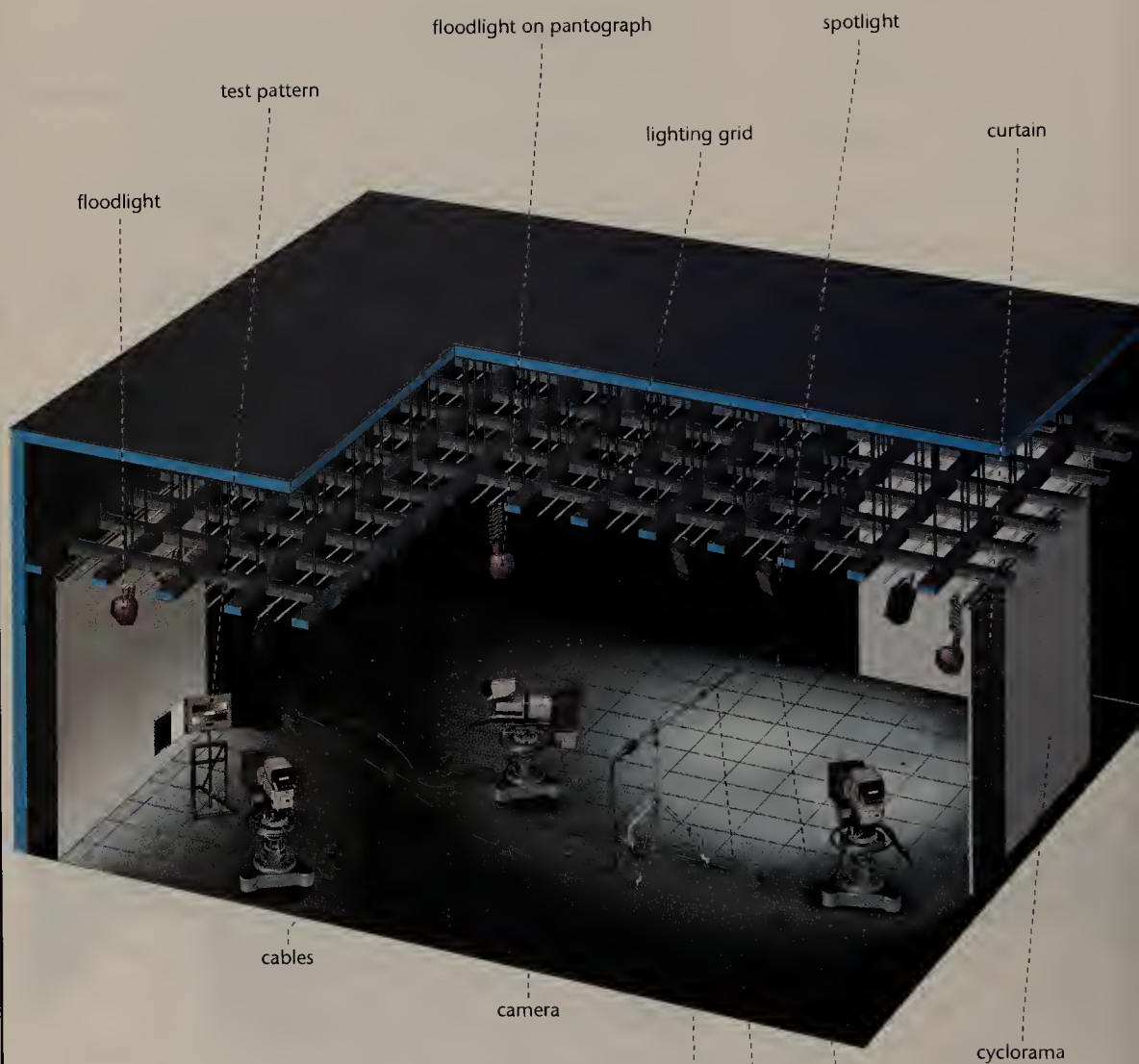
COMMUNICATIONS



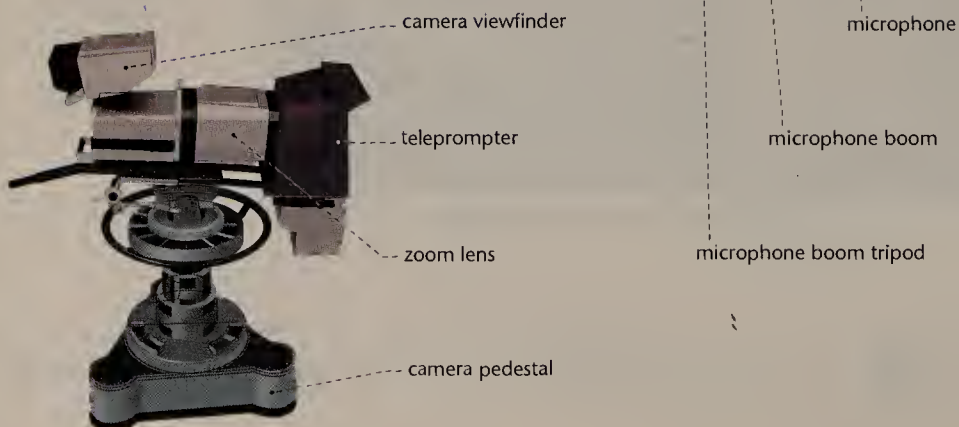
PRODUCTION CONTROL ROOM



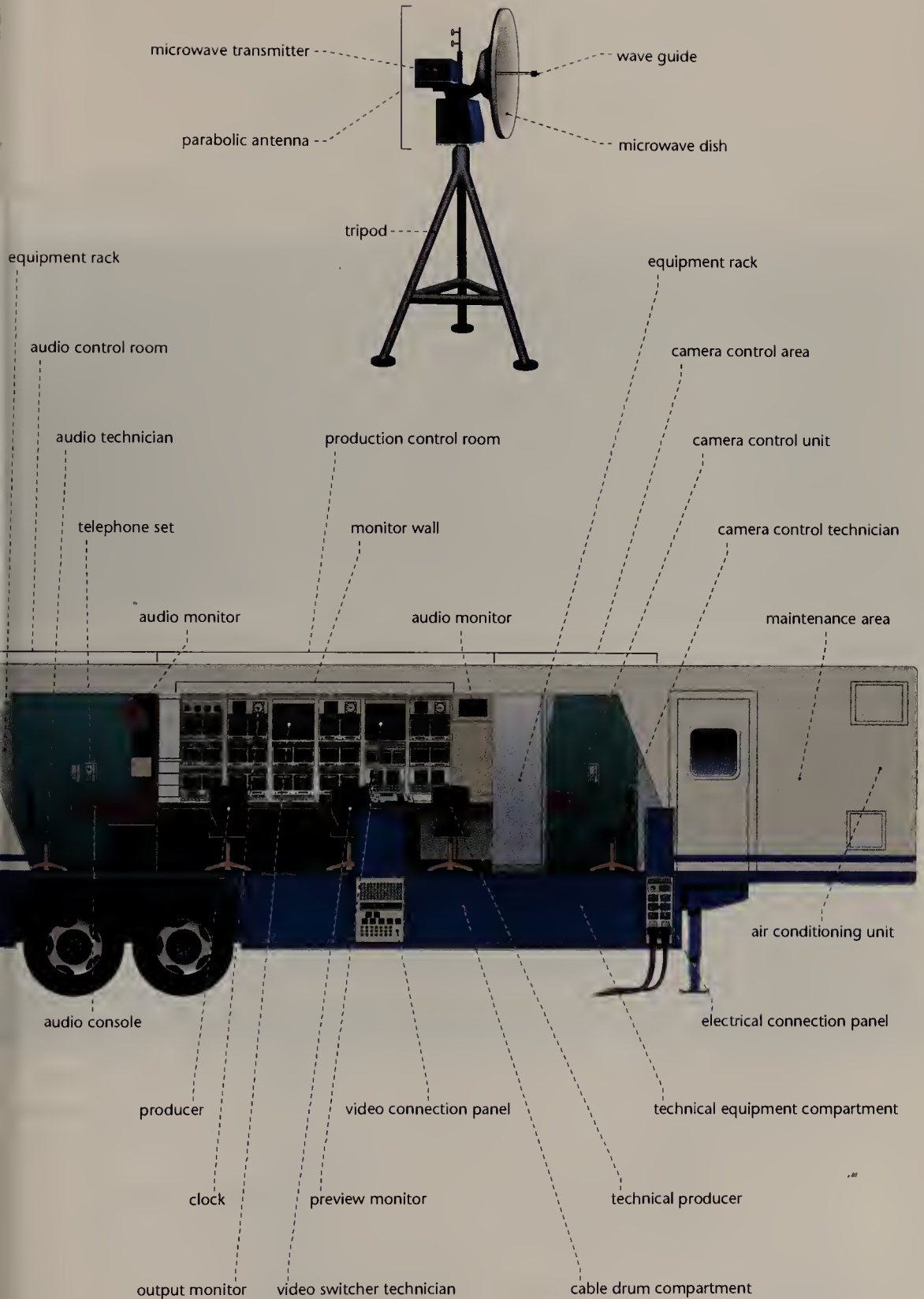
STUDIO FLOOR

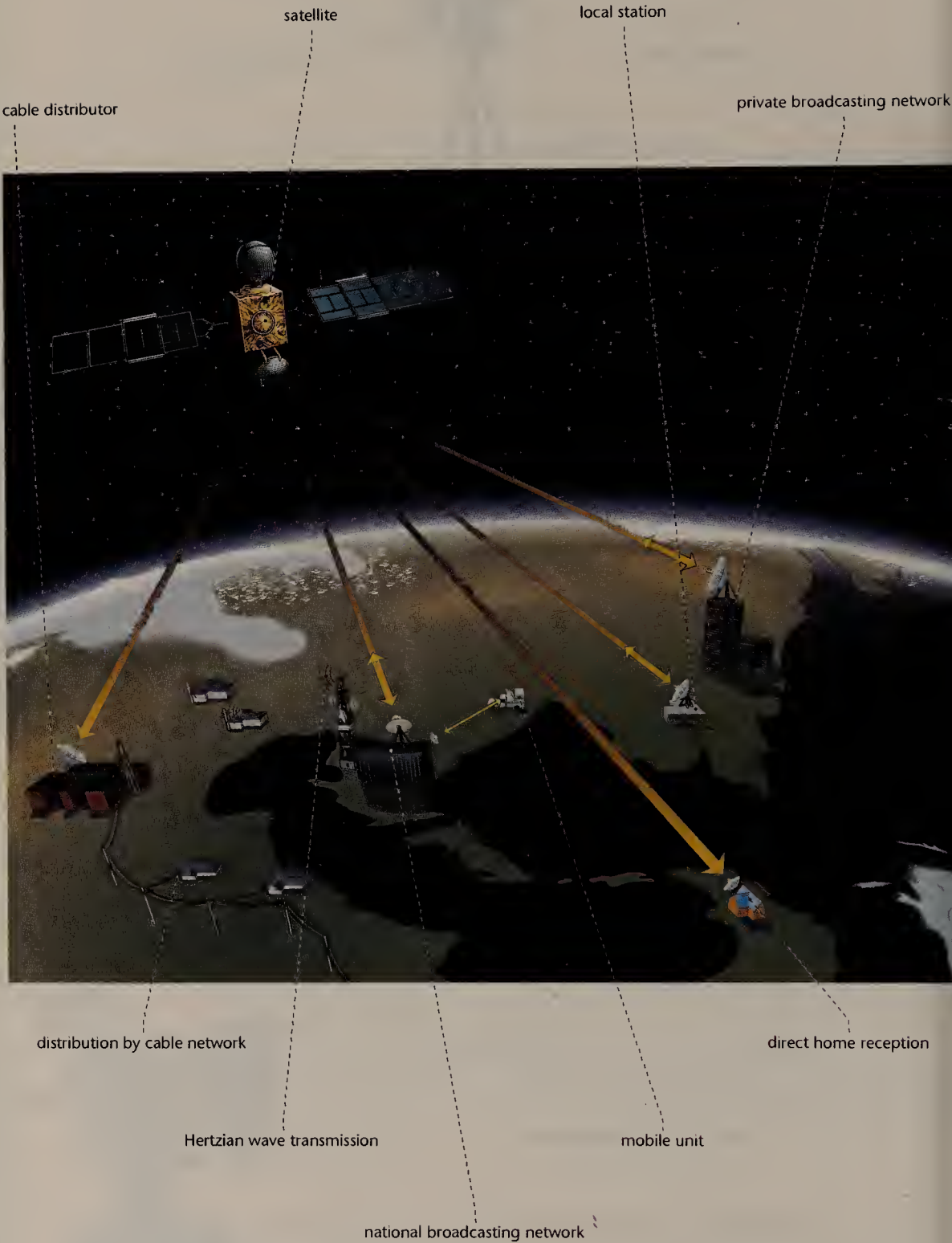


CAMERA

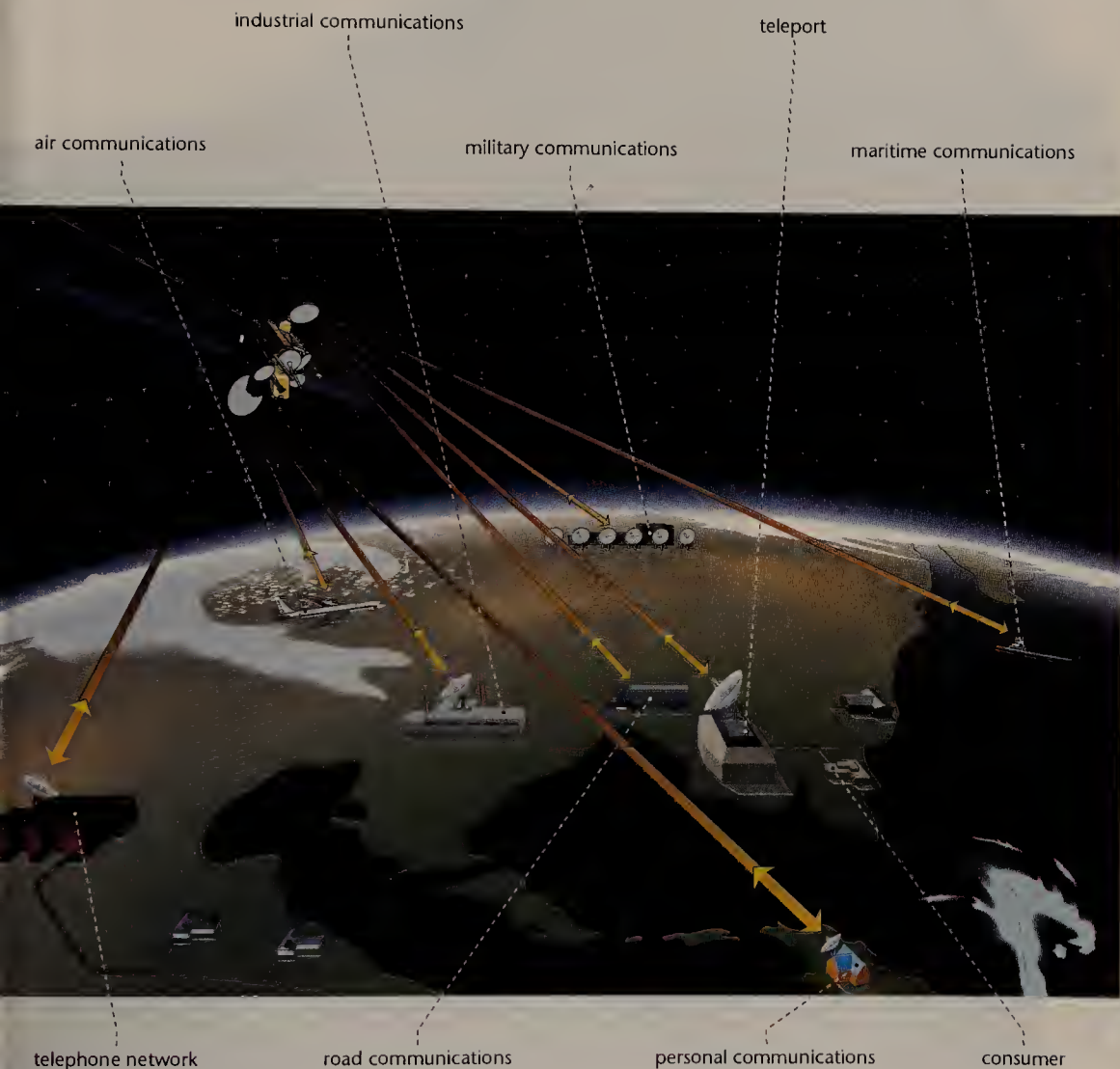


MOBILE UNIT





TELECOMMUNICATIONS BY SATELLITE

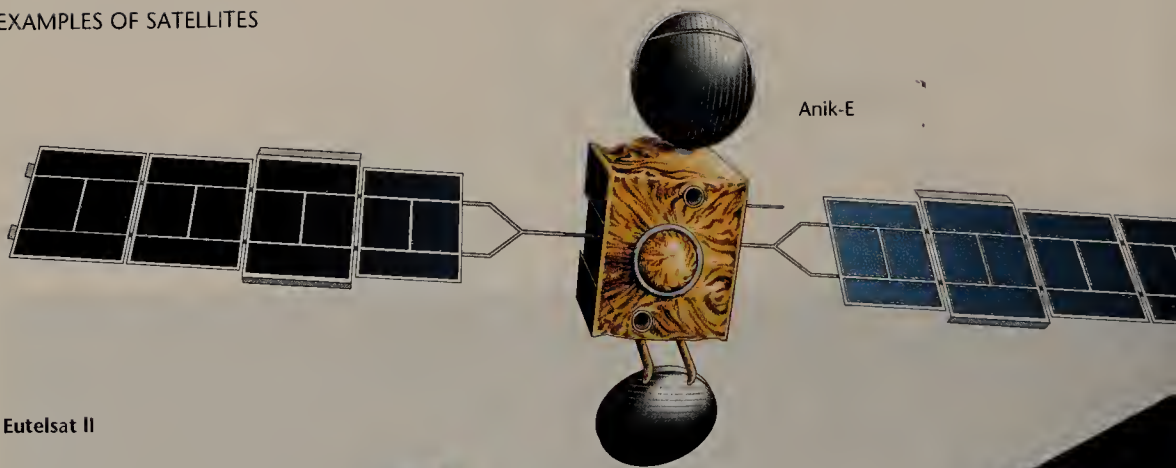


COMMUNICATIONS

TELECOMMUNICATIONS BY TELEPHONE NETWORK

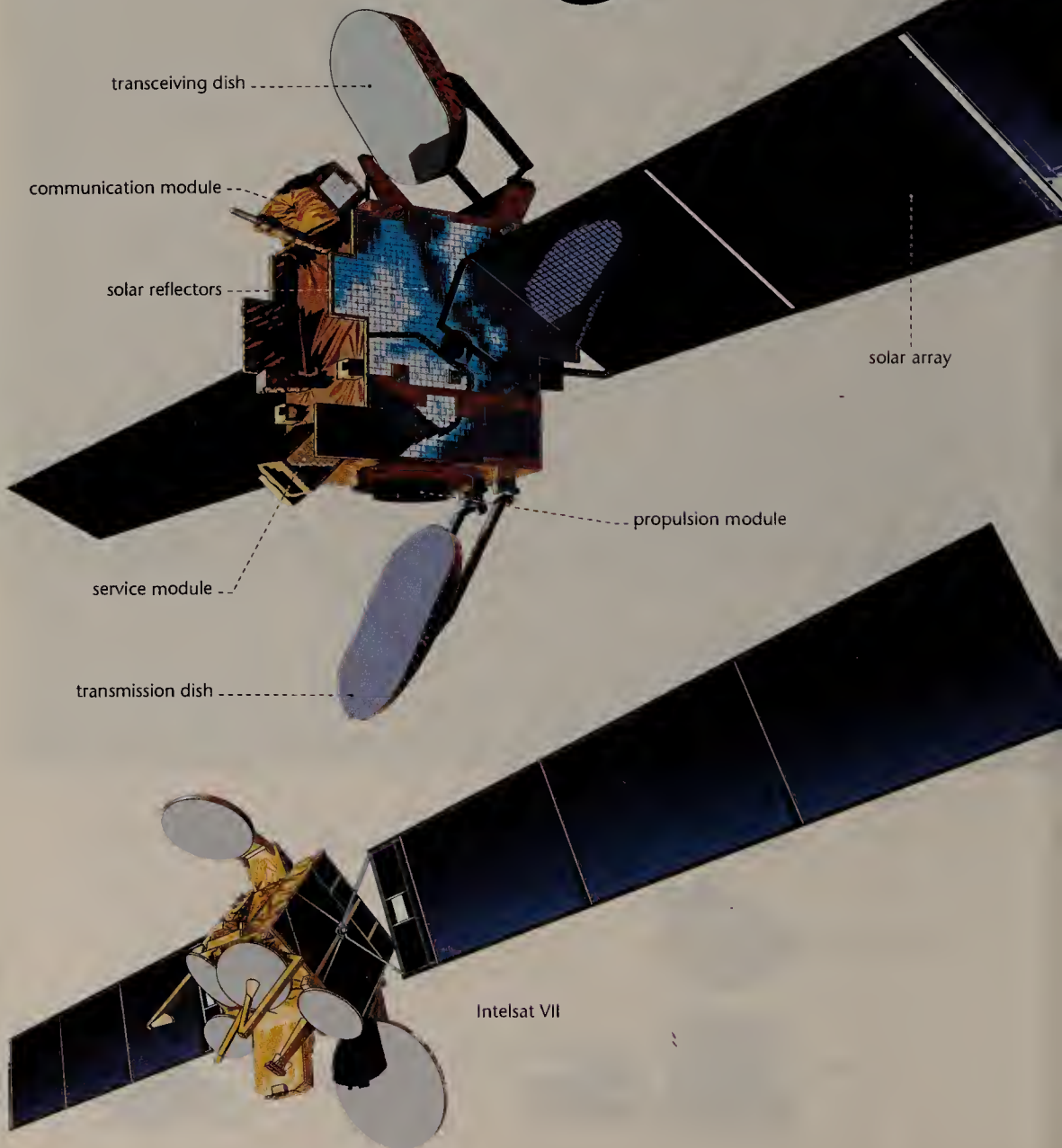


EXAMPLES OF SATELLITES

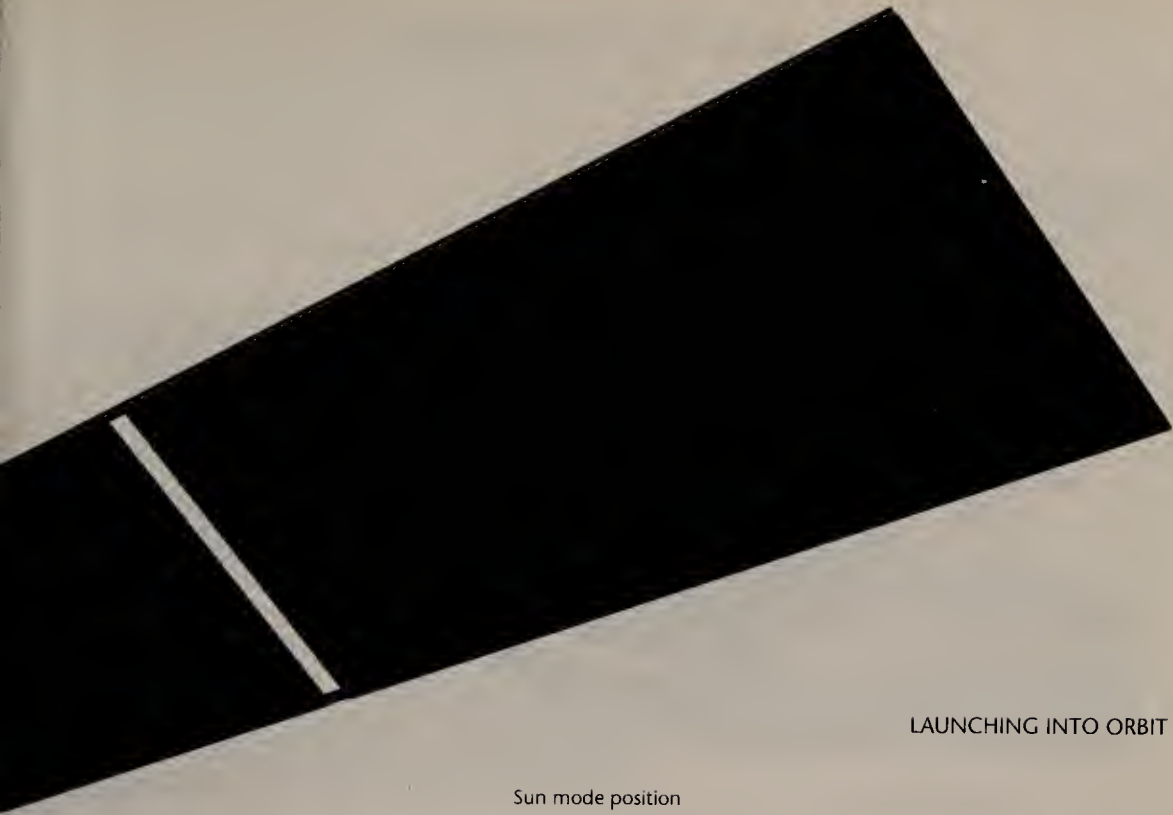


Anik-E

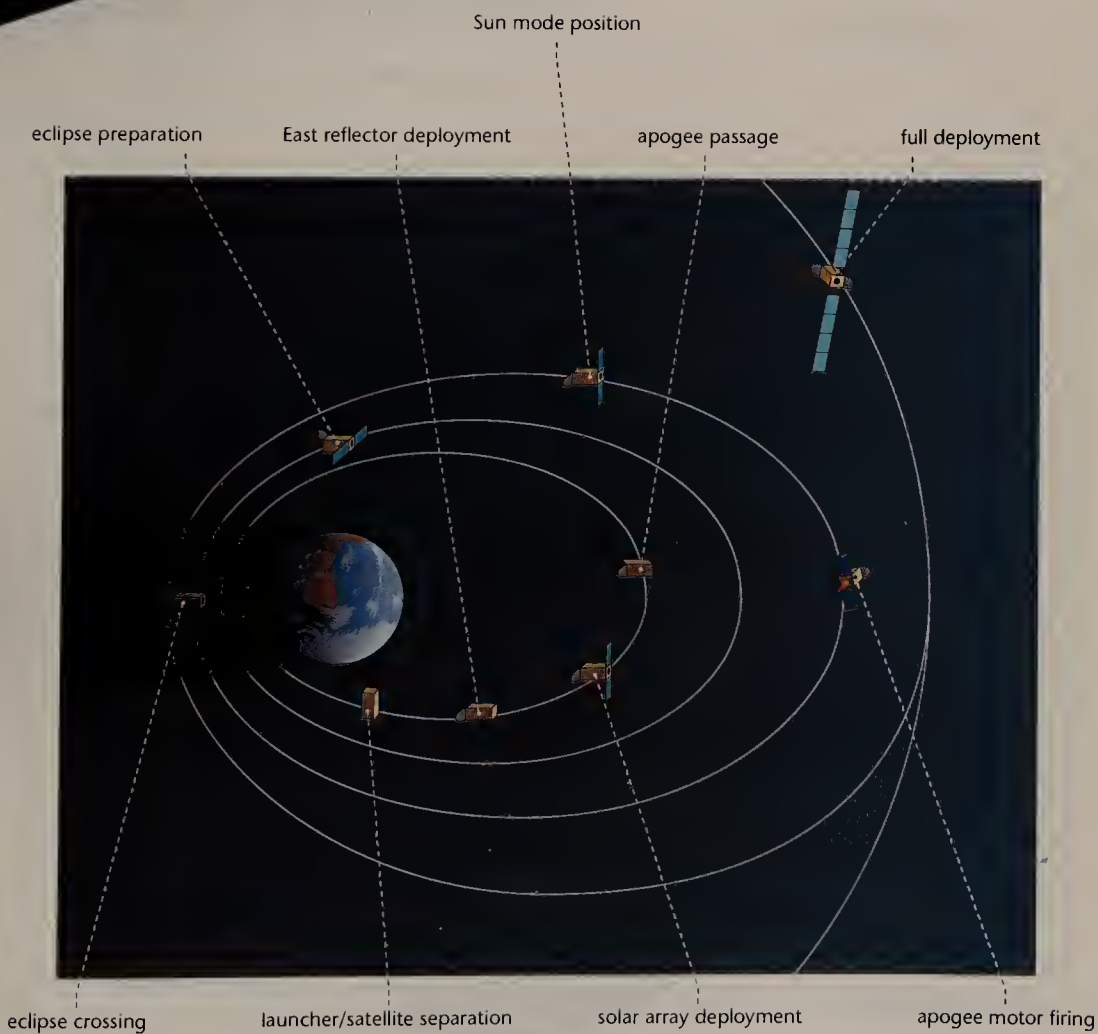
Eutelsat II



Intelsat VII

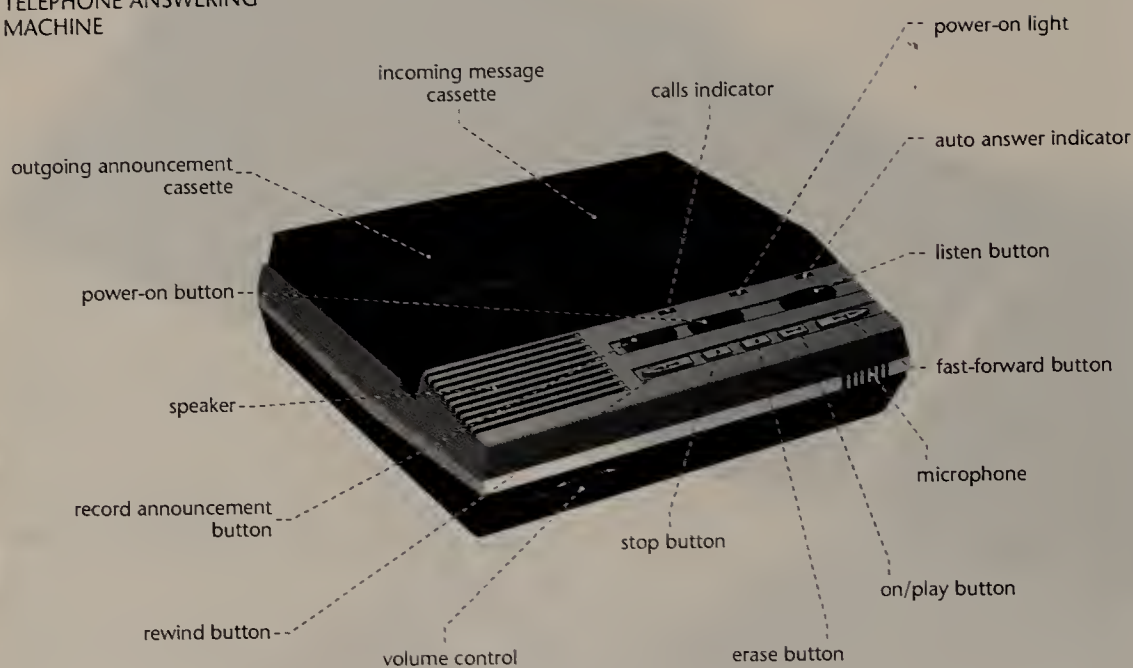


LAUNCHING INTO ORBIT



COMMUNICATION BY TELEPHONE

TELEPHONE ANSWERING MACHINE



TELEPHONE SET



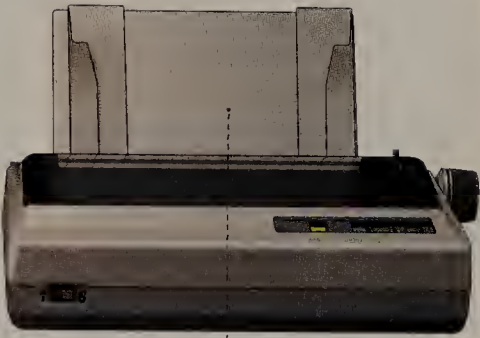
terminal



visual display unit

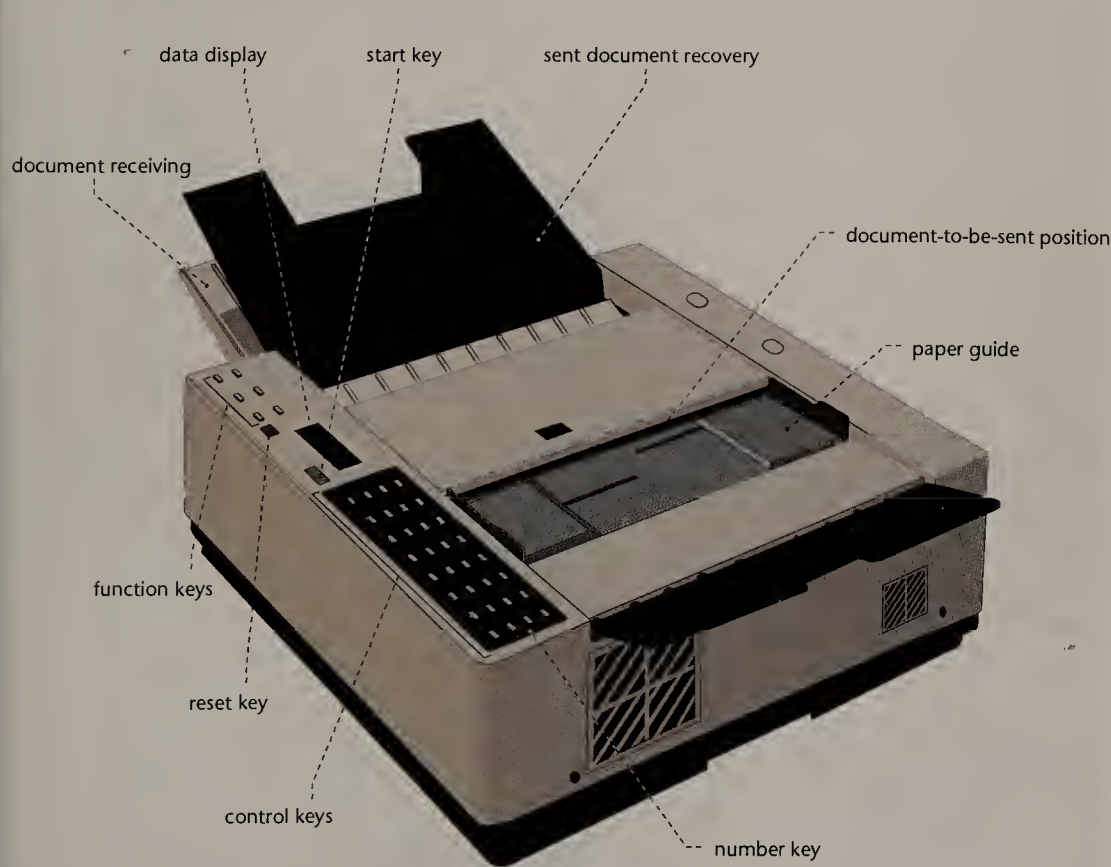
transmission/reception of messages

printer



printing of messages

FACSIMILE MACHINE



data display

start key

sent document recovery

document receiving

document-to-be-sent position

paper guide

function keys

reset key

control keys

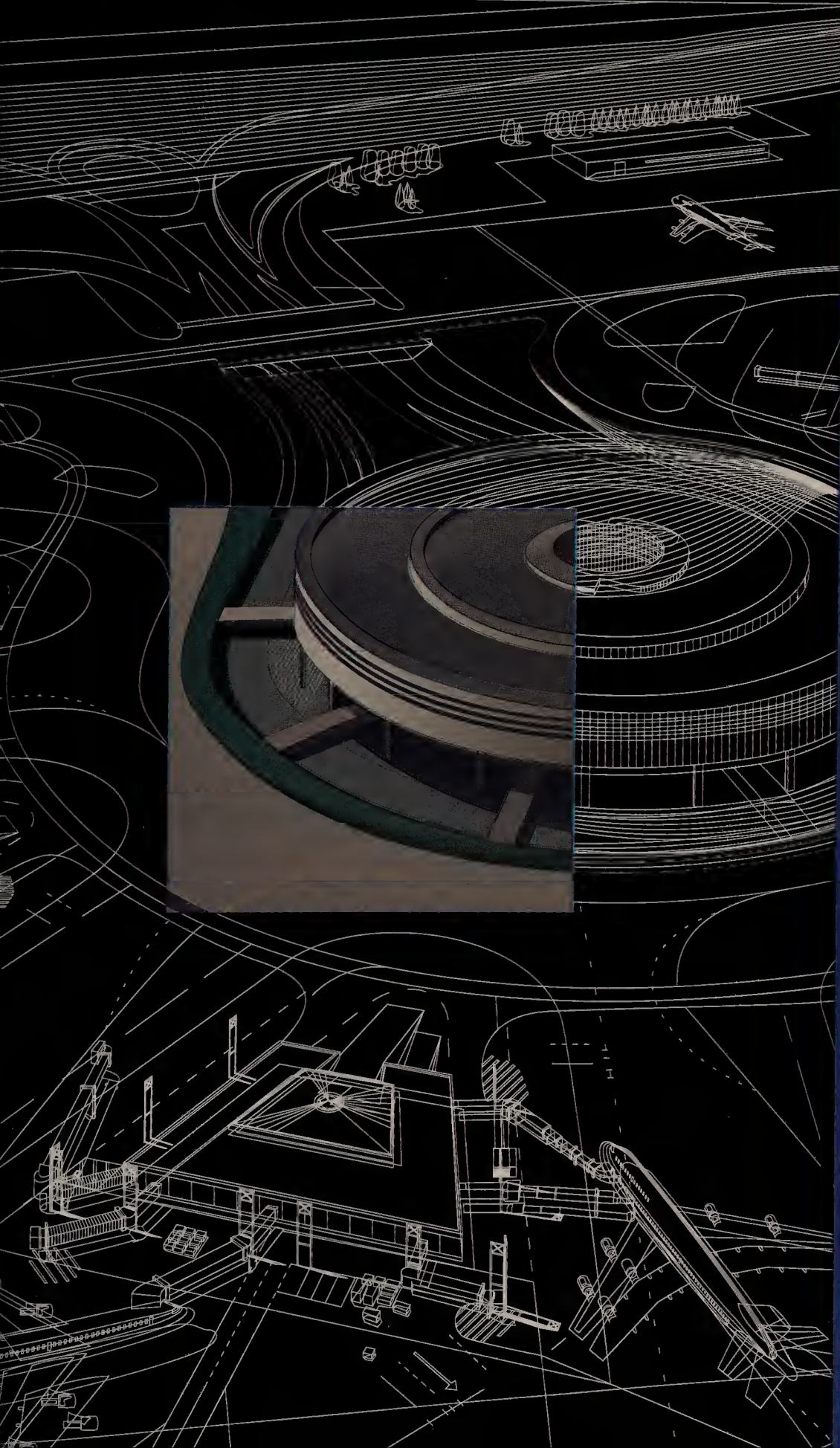
number key

COMMUNICATION BY TELEPHONE

TYPES OF TELEPHONES



TRANSPORT



CONTENTS

ROAD TRANSPORT

AUTOMOBILE	425
TRUCKING	440
MOTORCYCLE	442
SNOWMOBILE	445
BICYCLE	446
CARAVAN	449
ROAD SYSTEM	450
SERVICE STATION	453
FIXED BRIDGES	454
MOVABLE BRIDGES	457

RAIL TRANSPORT

HIGH-SPEED TRAIN	458
TYPES OF PASSENGER CARS	460
PASSENGER STATION	462
RAILROAD STATION	464
YARD	465
RAILROAD TRACK	466
DIESEL-ELECTRIC LOCOMOTIVE	468
CAR	470
TYPES OF FREIGHT CARS	472

SUBWAY TRANSPORT

SUBWAY	474
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MARITIME TRANSPORT

FOUR-MASTED BARK	47B
TYPES OF SAILS	4B2
TYPES OF RIGS	4B2
ANCHOR	4B3
NAVIGATION DEVICES	4B4
MARITIME SIGNALS	4B6
MARITIME BUOYAGE SYSTEM	4BB
HARBOR	490
CANAL LOCK	492
HOVERCRAFT	492
FERRY	494
CONTAINER SHIP	494
HYDROFOIL BOAT	495
PASSENGER LINER	496

AIR TRANSPORT

LONG-RANGE JET	498
TYPES OF TAIL SHAPES	498
TYPES OF WING SHAPES	499
FLIGHT DECK	500
TURBOFAN ENGINE	501
AIRPORT	502
HELICOPTER	508

SPACE TRANSPORT

ROCKET	509
SPACE SHUTTLE	510
SPACESUIT	512



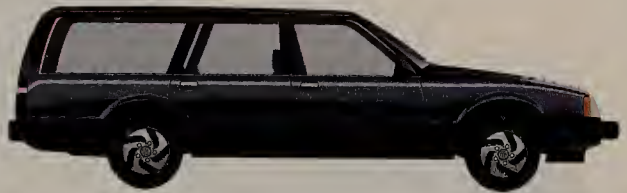
sports car



two-door sedan



hatchback



station wagon



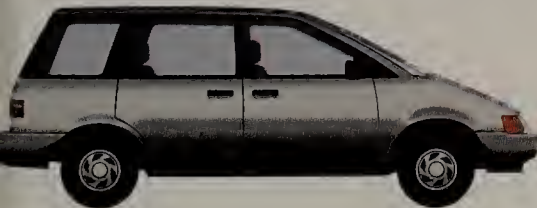
convertible



four-door sedan



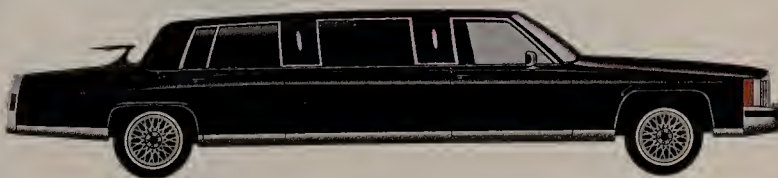
pickup truck



minivan



multipurpose vehicle



limousine

AUTOMOBILE

BODY

ROAD TRANSPORT





BUCKET SEAT



REAR SEAT



DOOR



LIGHTS

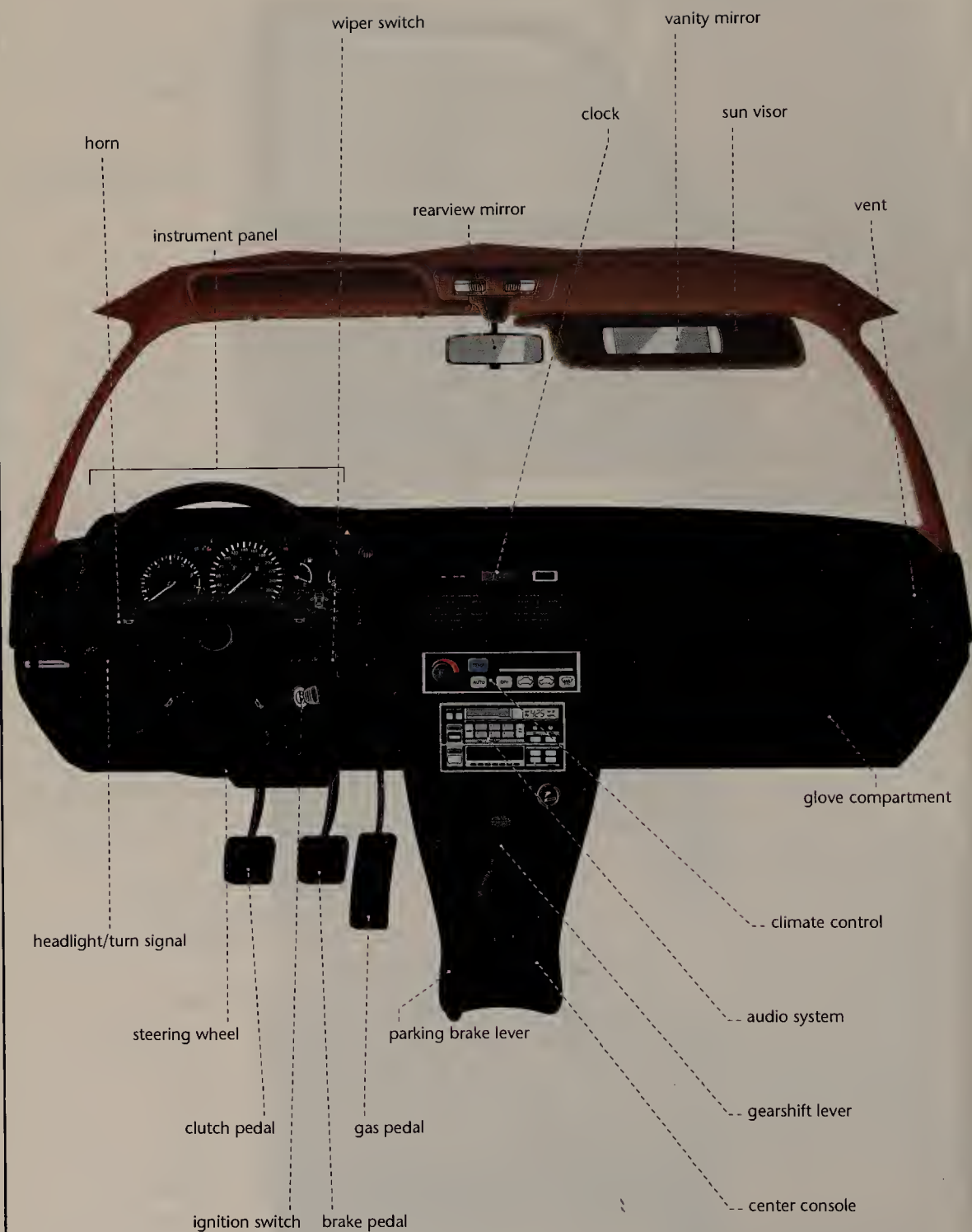
headlights



taillights



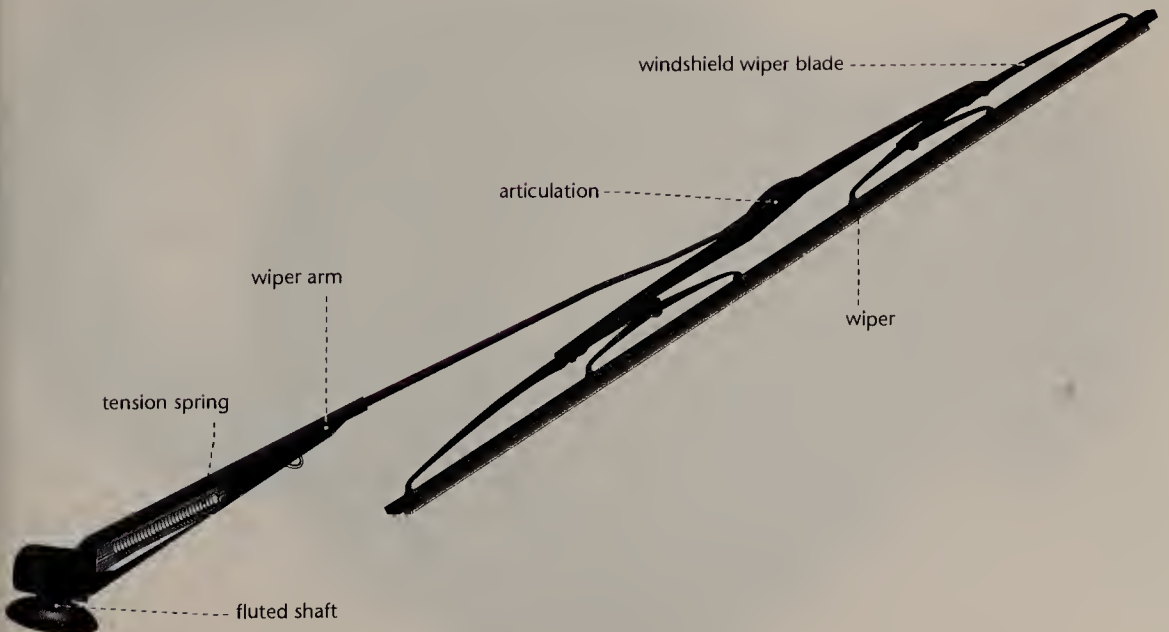
DASHBOARD



INSTRUMENT PANEL



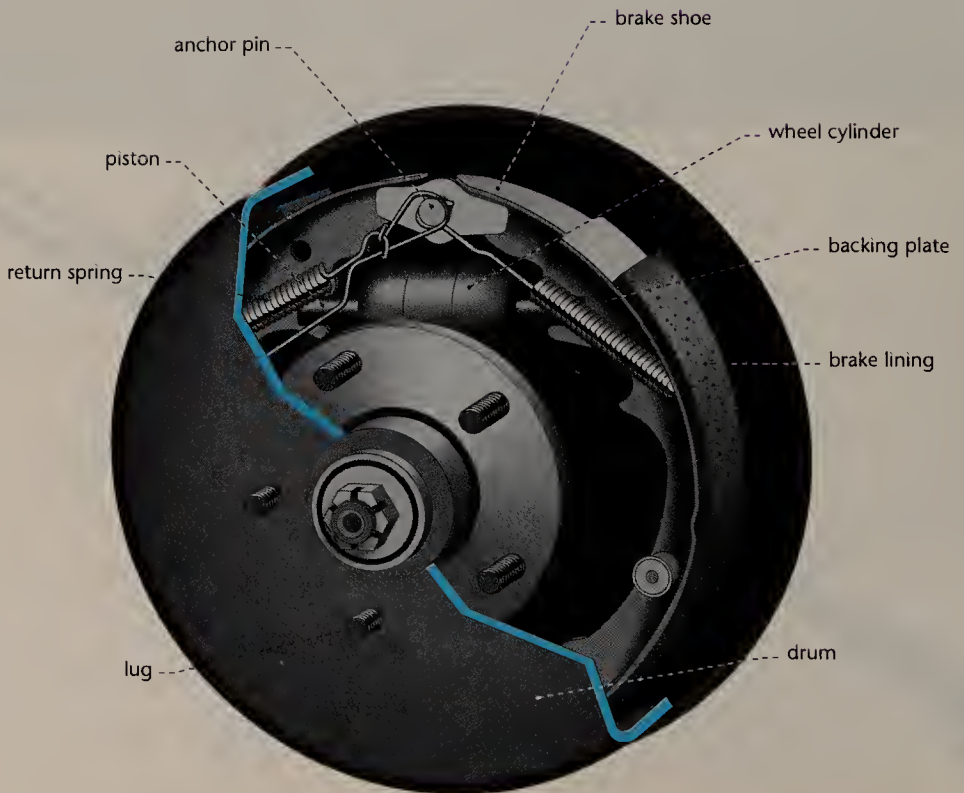
WINDSHIELD WIPER

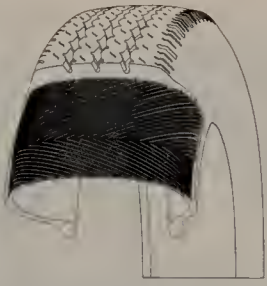


DISK BRAKE

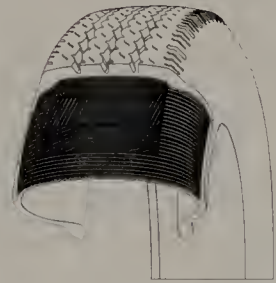


DRUM BRAKE



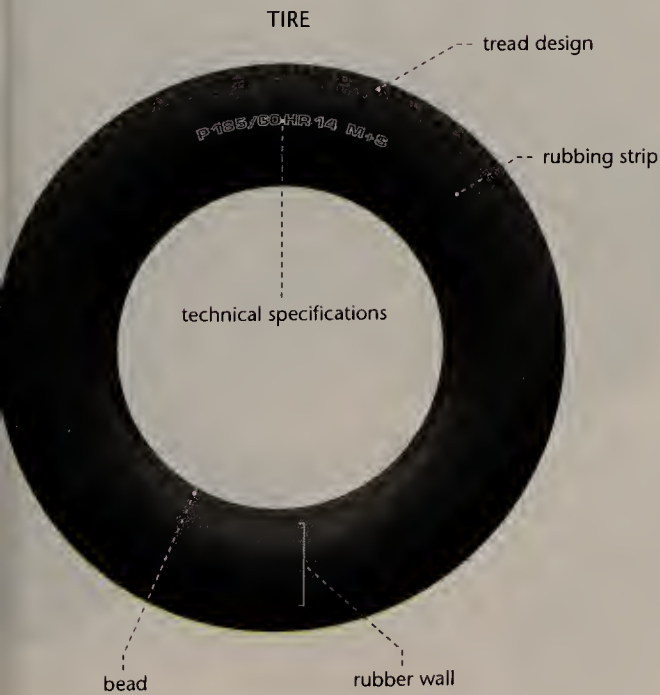
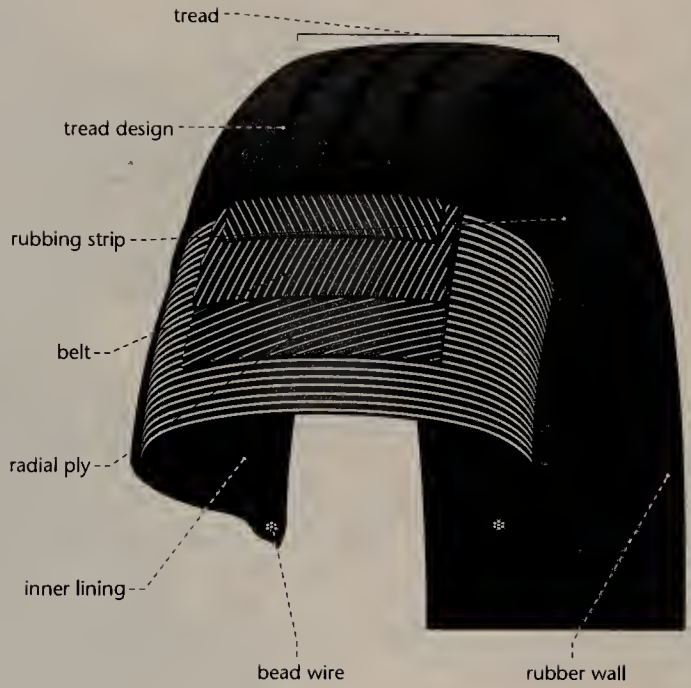


bias-ply tire

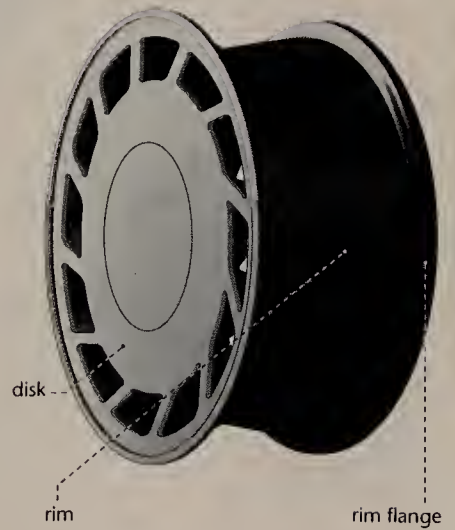


radial tire

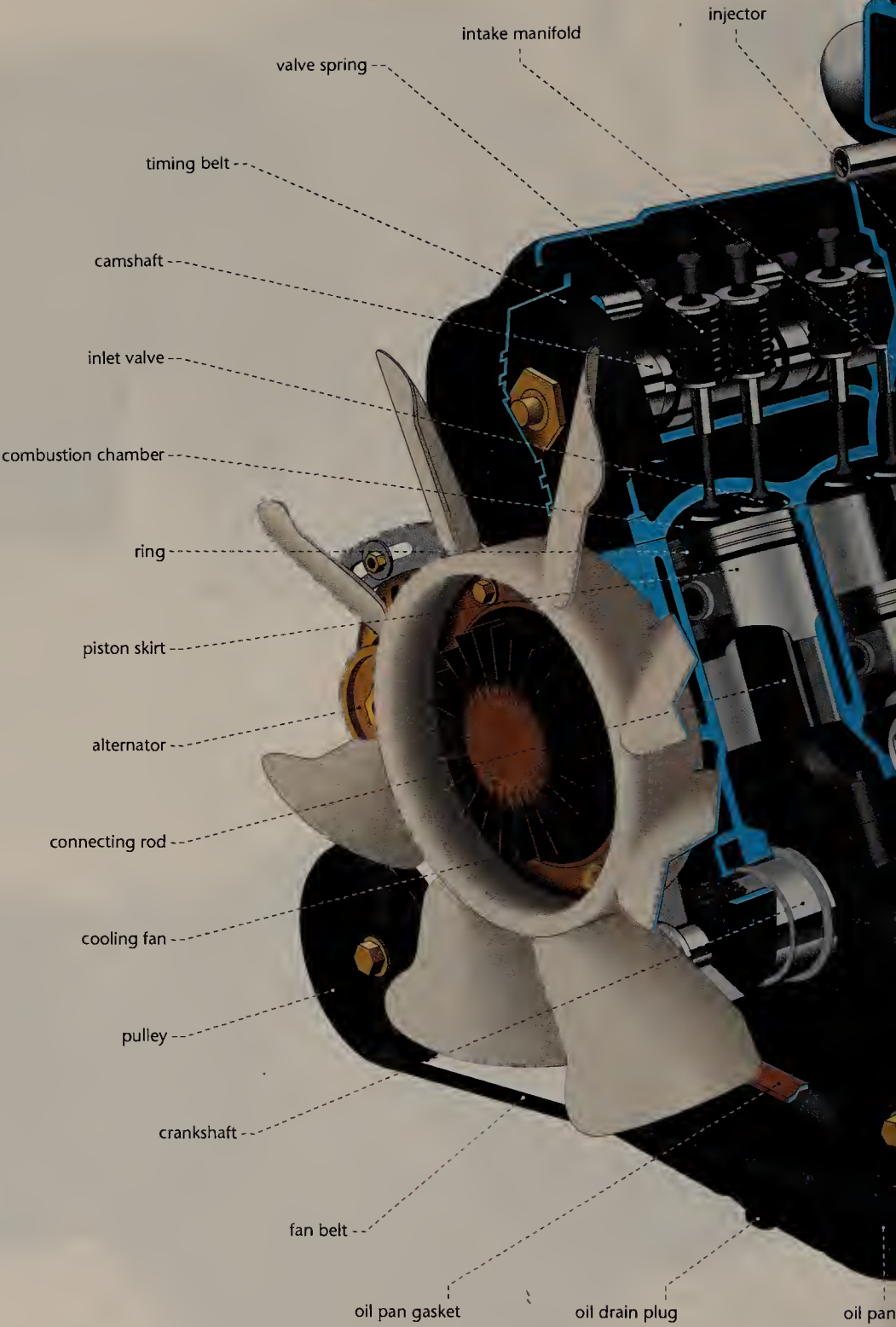
STEEL BELTED RADIAL TIRE

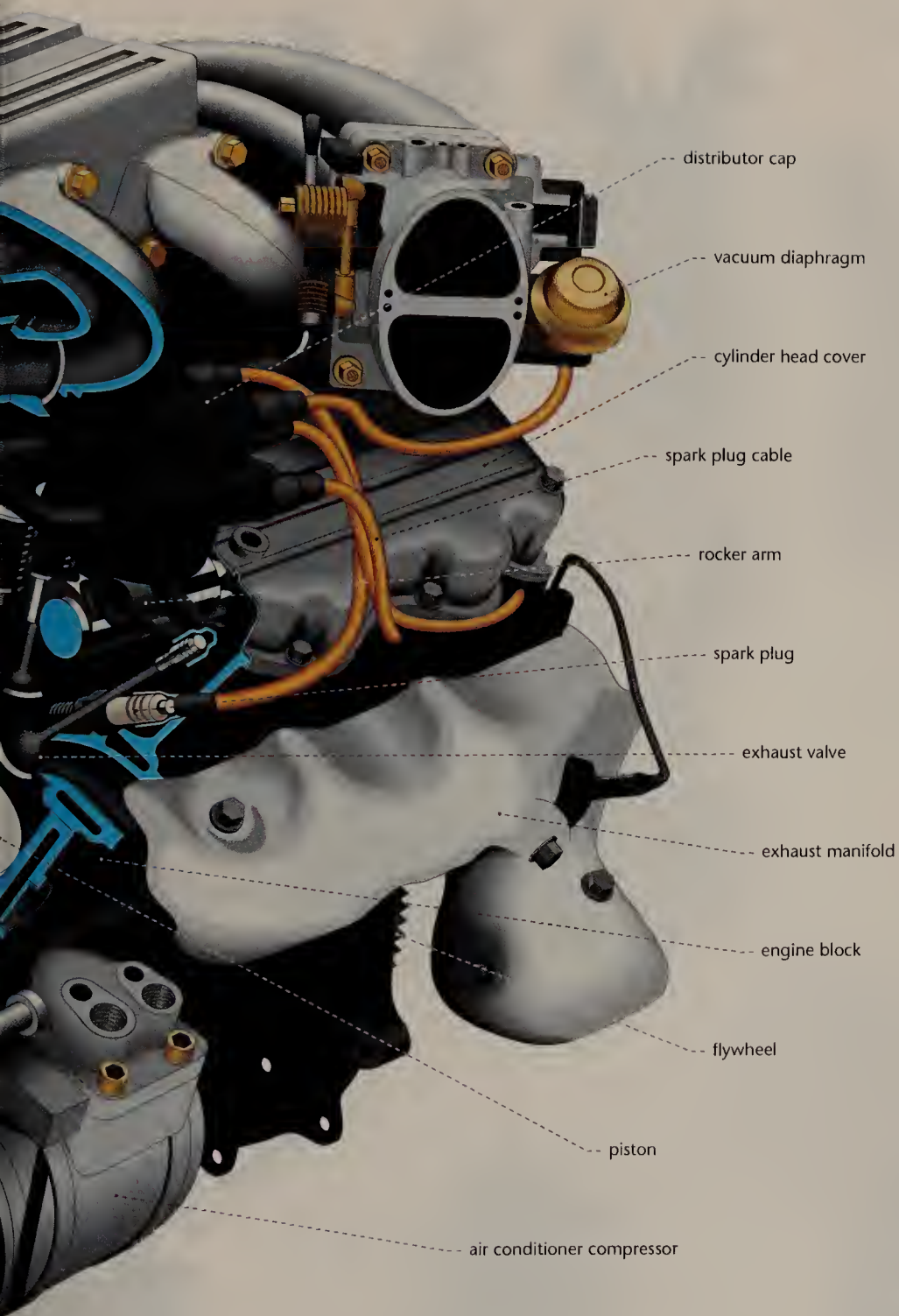


WHEEL



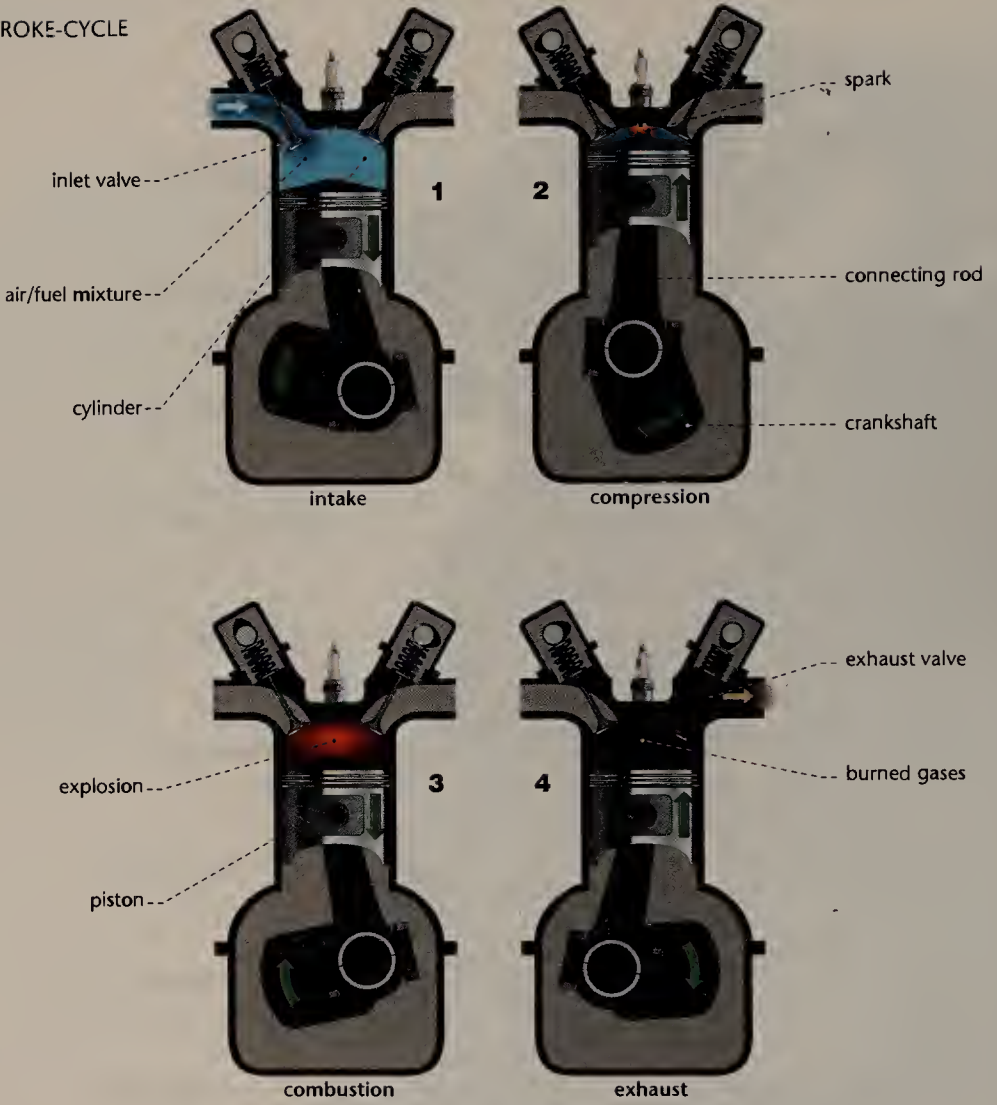
GASOLINE ENGINE





TYPES OF ENGINES

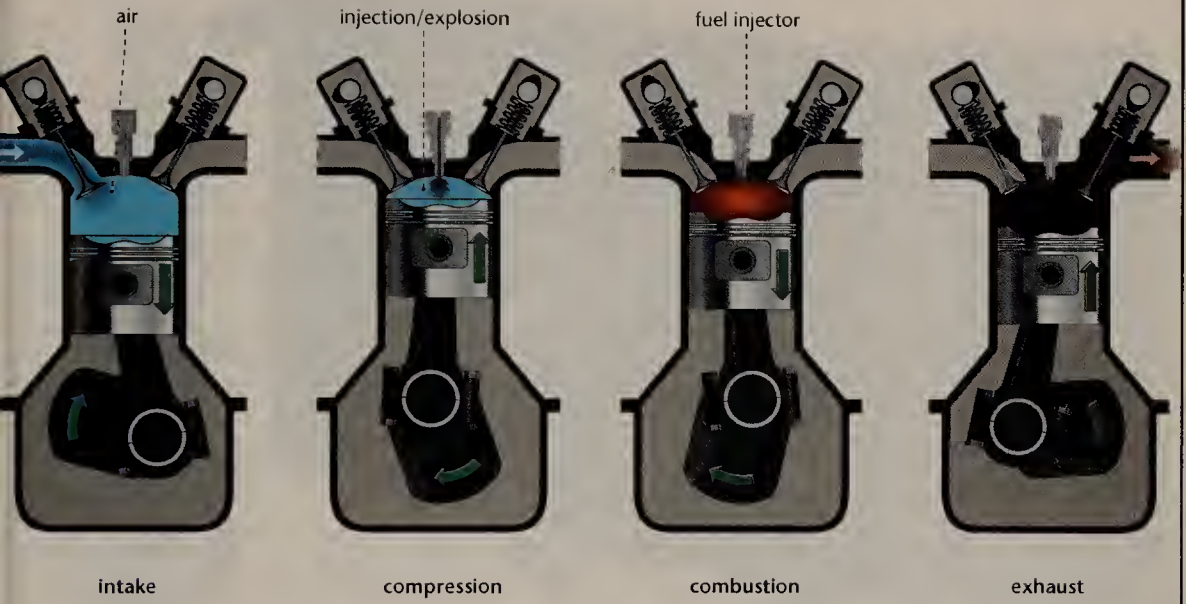
FOUR-STROKE-CYCLE ENGINE



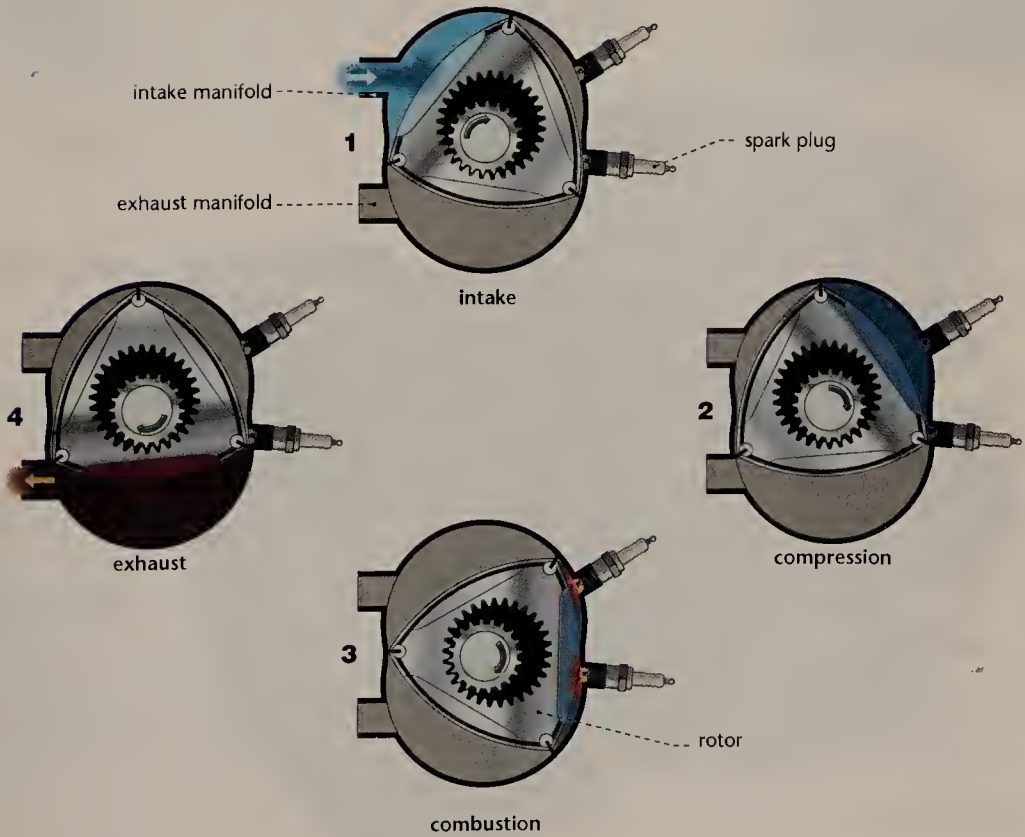
TWO-STROKE-CYCLE ENGINE



DIESEL ENGINE



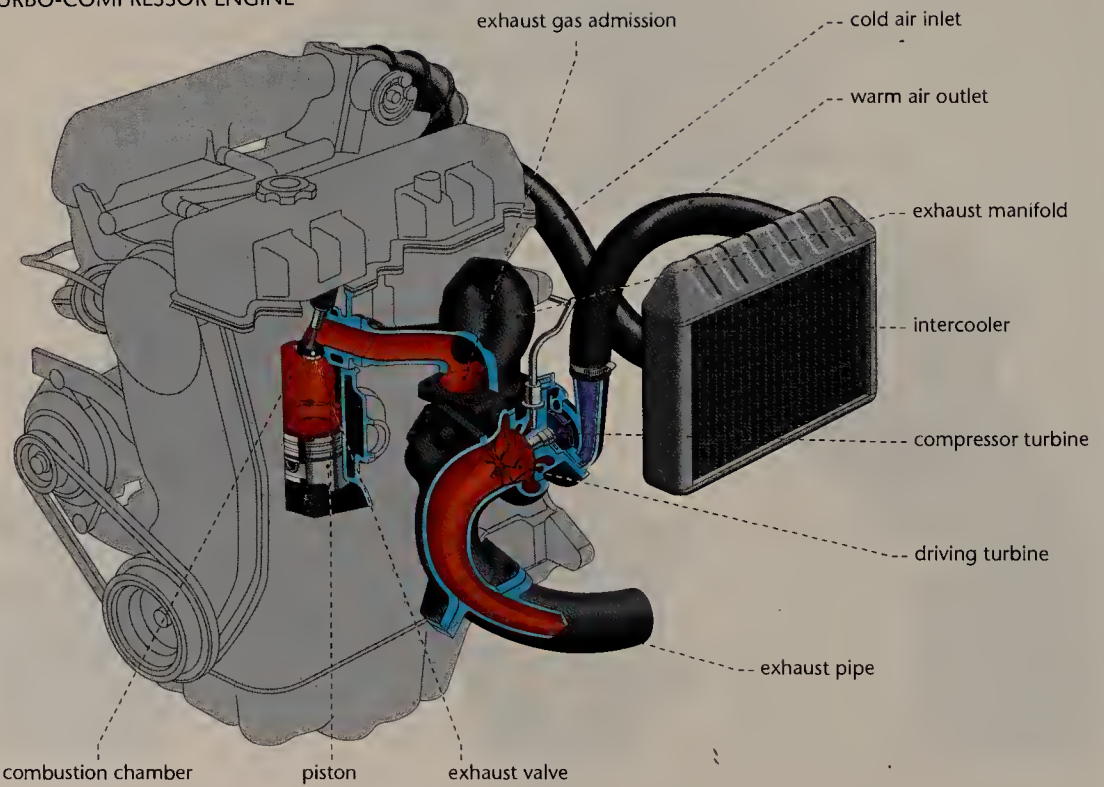
ROTARY ENGINE



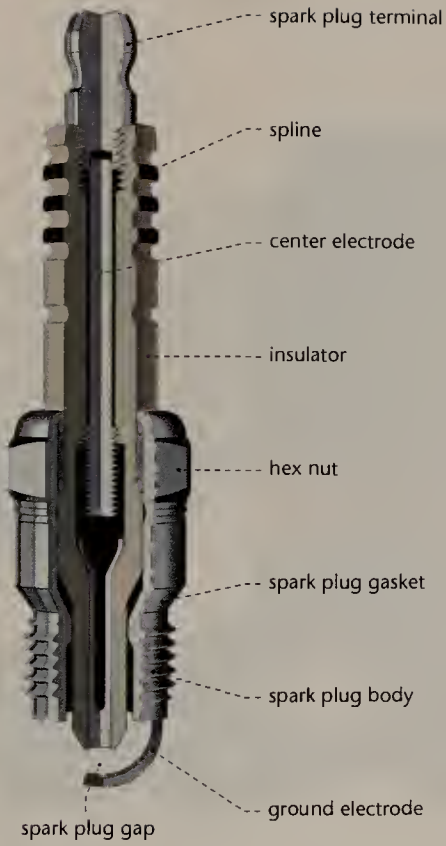
RADIATOR



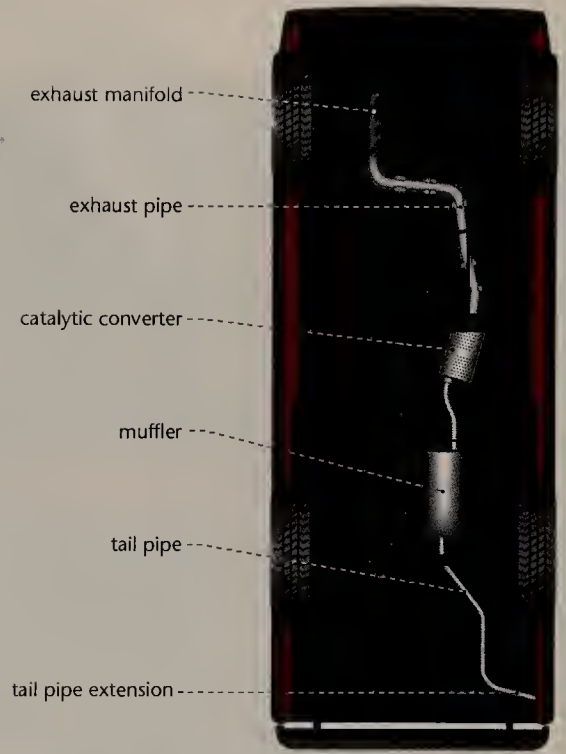
TURBO-COMPRESSOR ENGINE



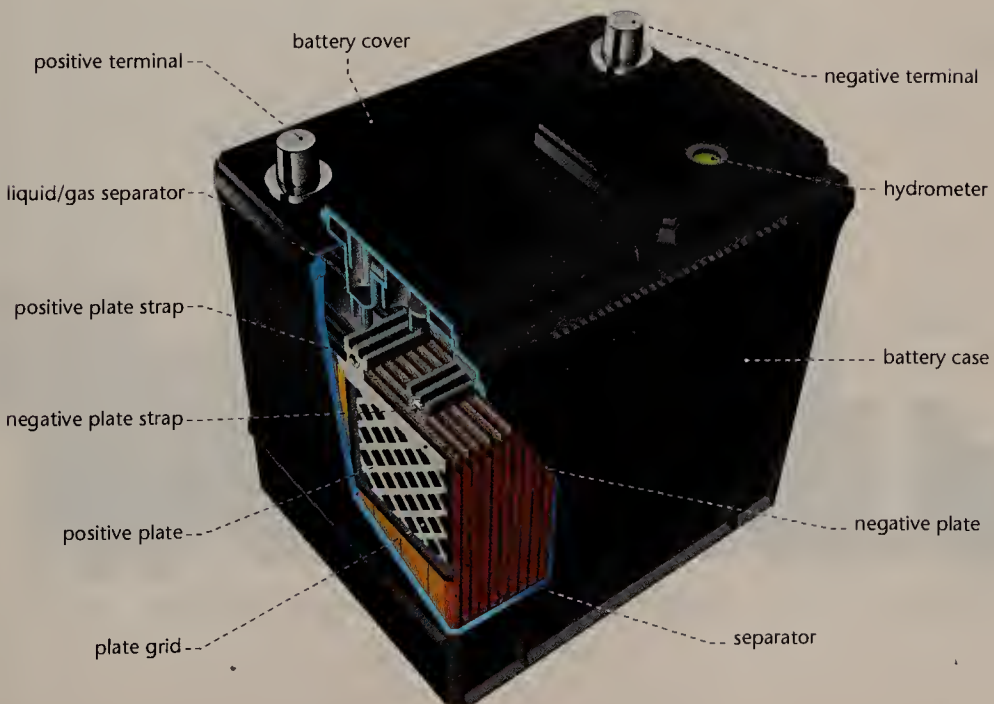
SPARK PLUG



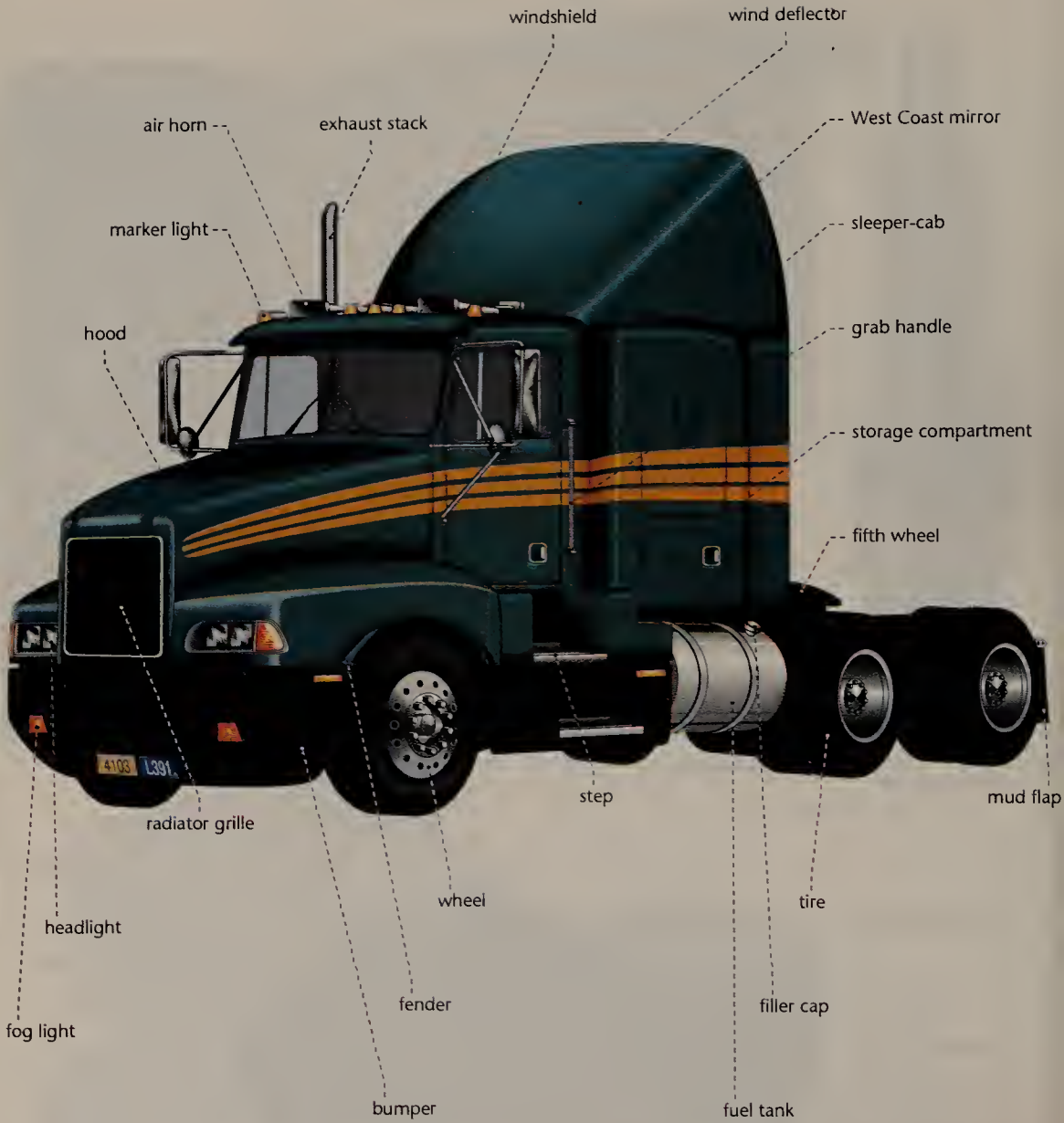
EXHAUST SYSTEM



BATTERY



TRUCK TRACTOR



TANDEM TRACTOR TRAILER



SEMITRAILER



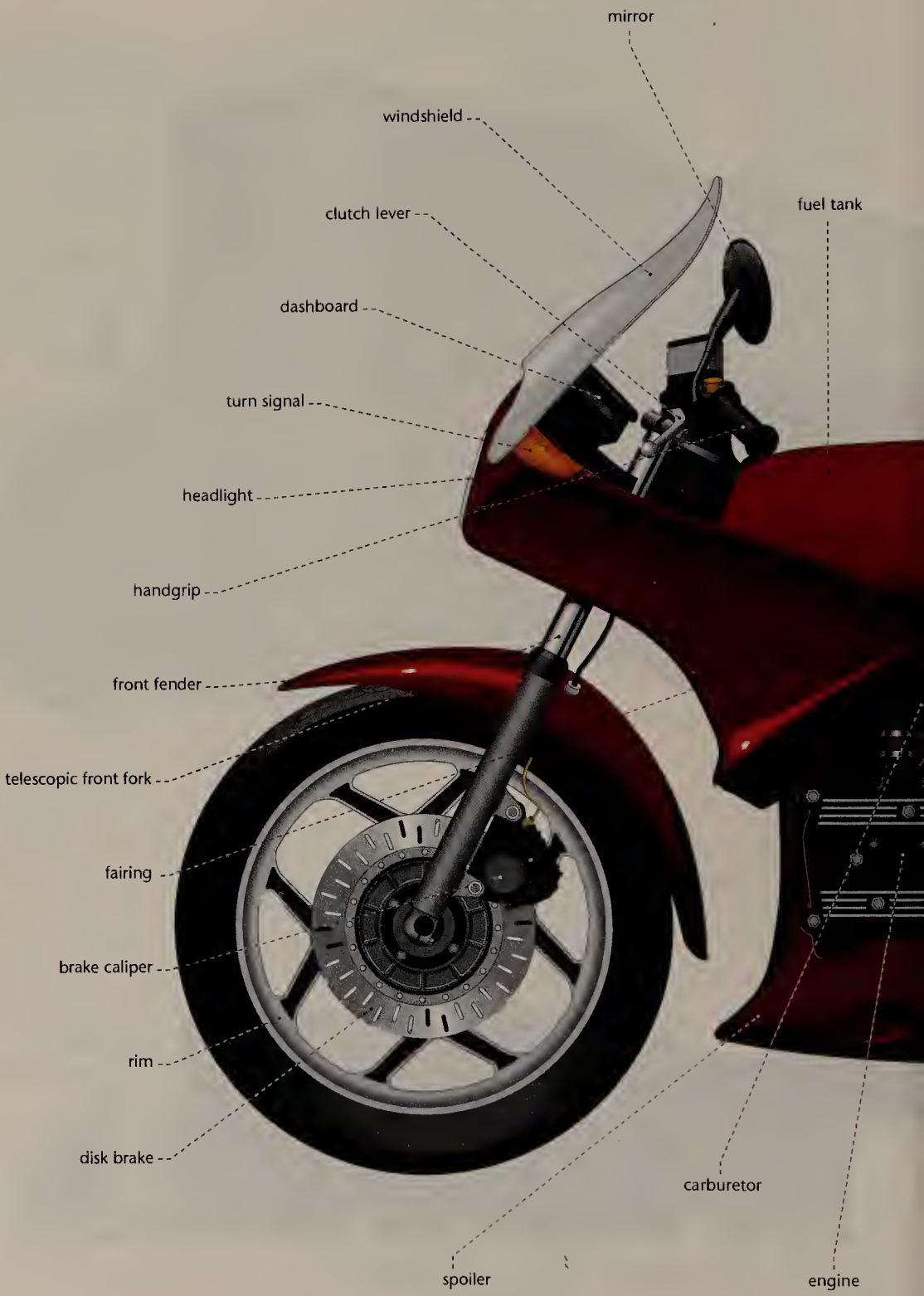
FLATBED



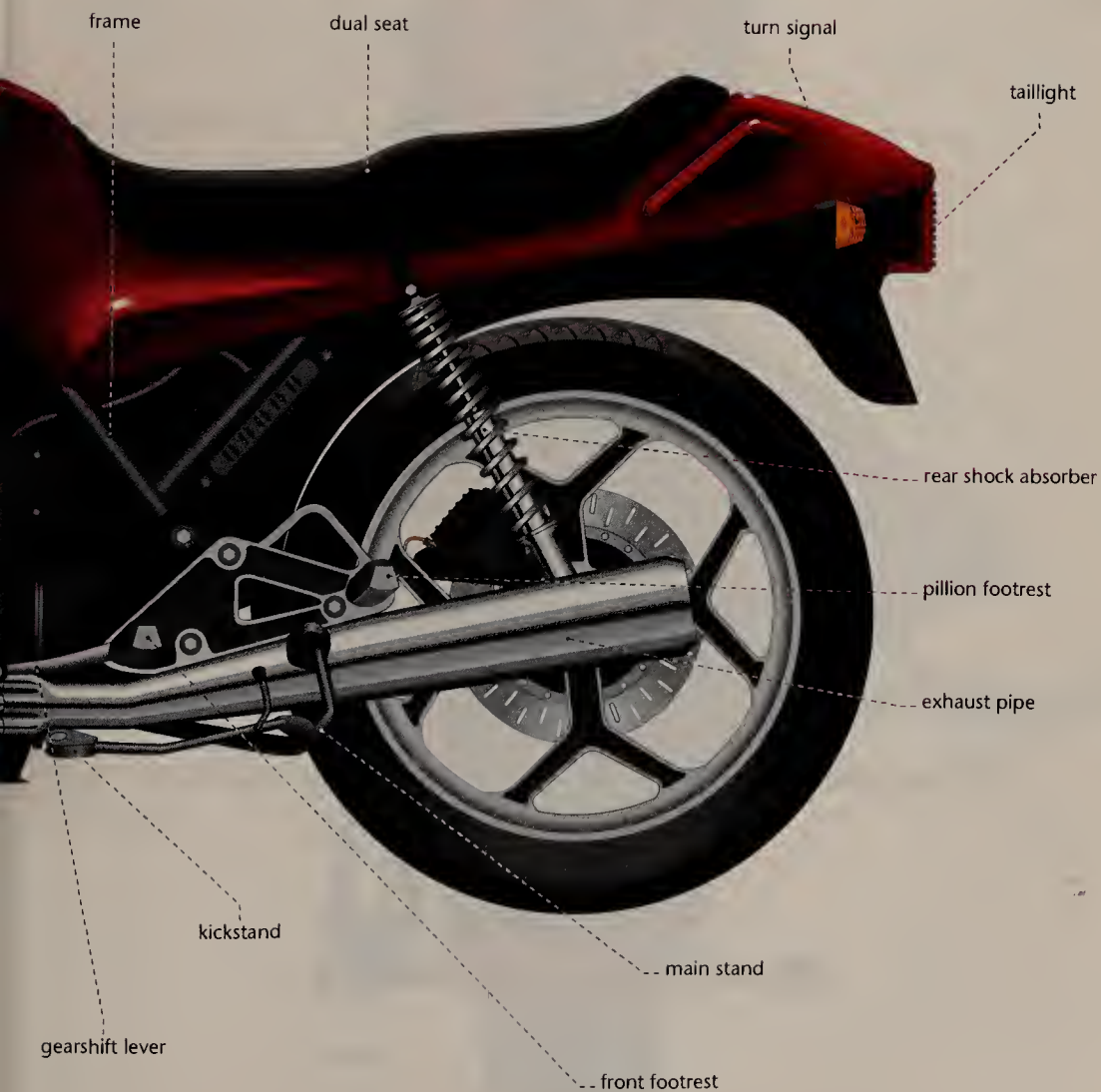
MOTORCYCLE

SIDE VIEW

ROAD TRANSPORT

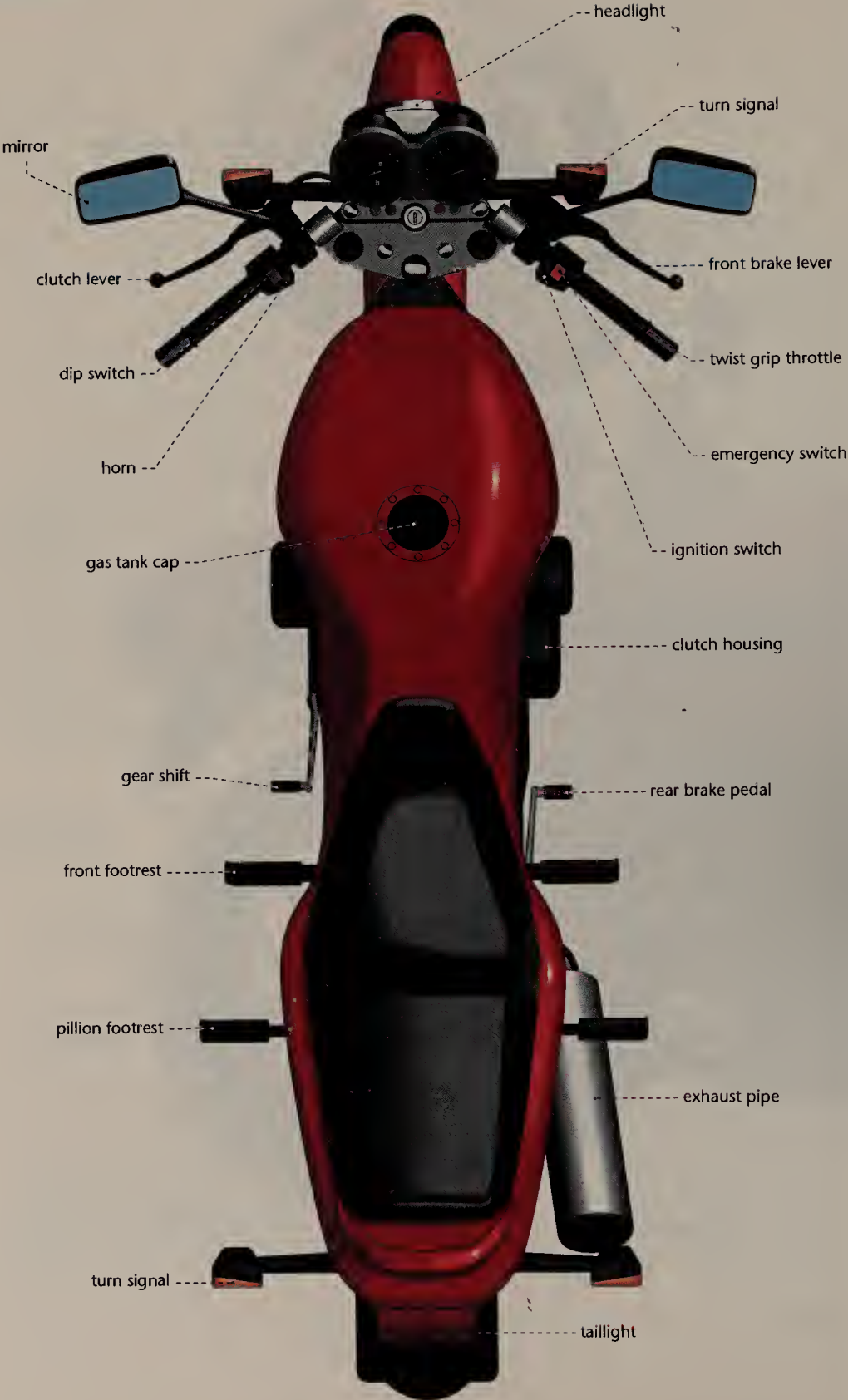


PROTECTIVE HELMET

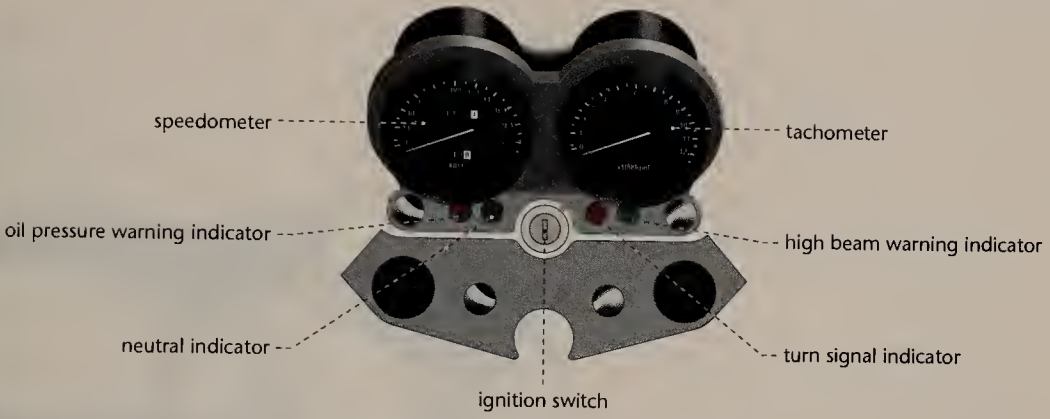


MOTORCYCLE

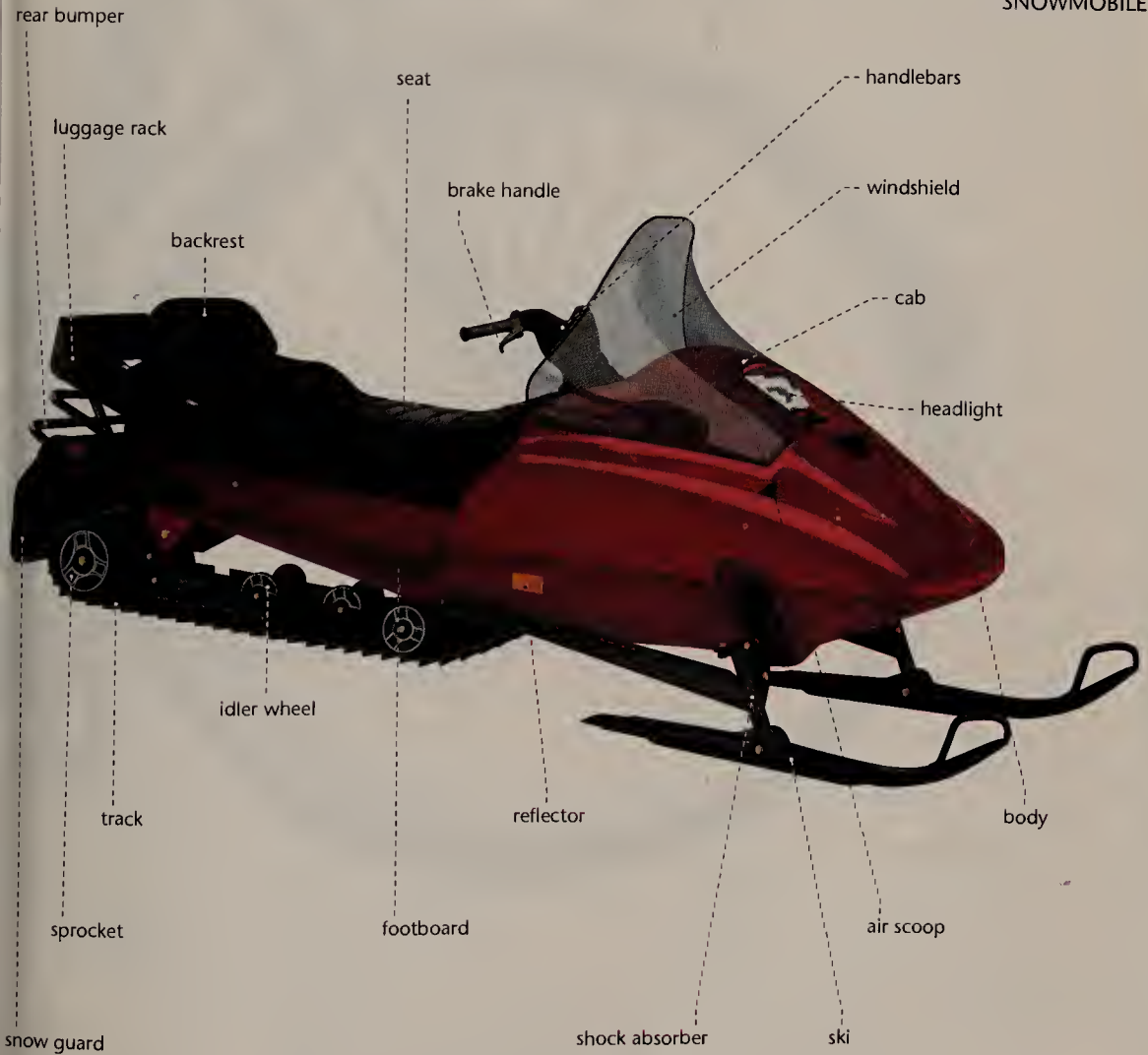
VIEW FROM ABOVE



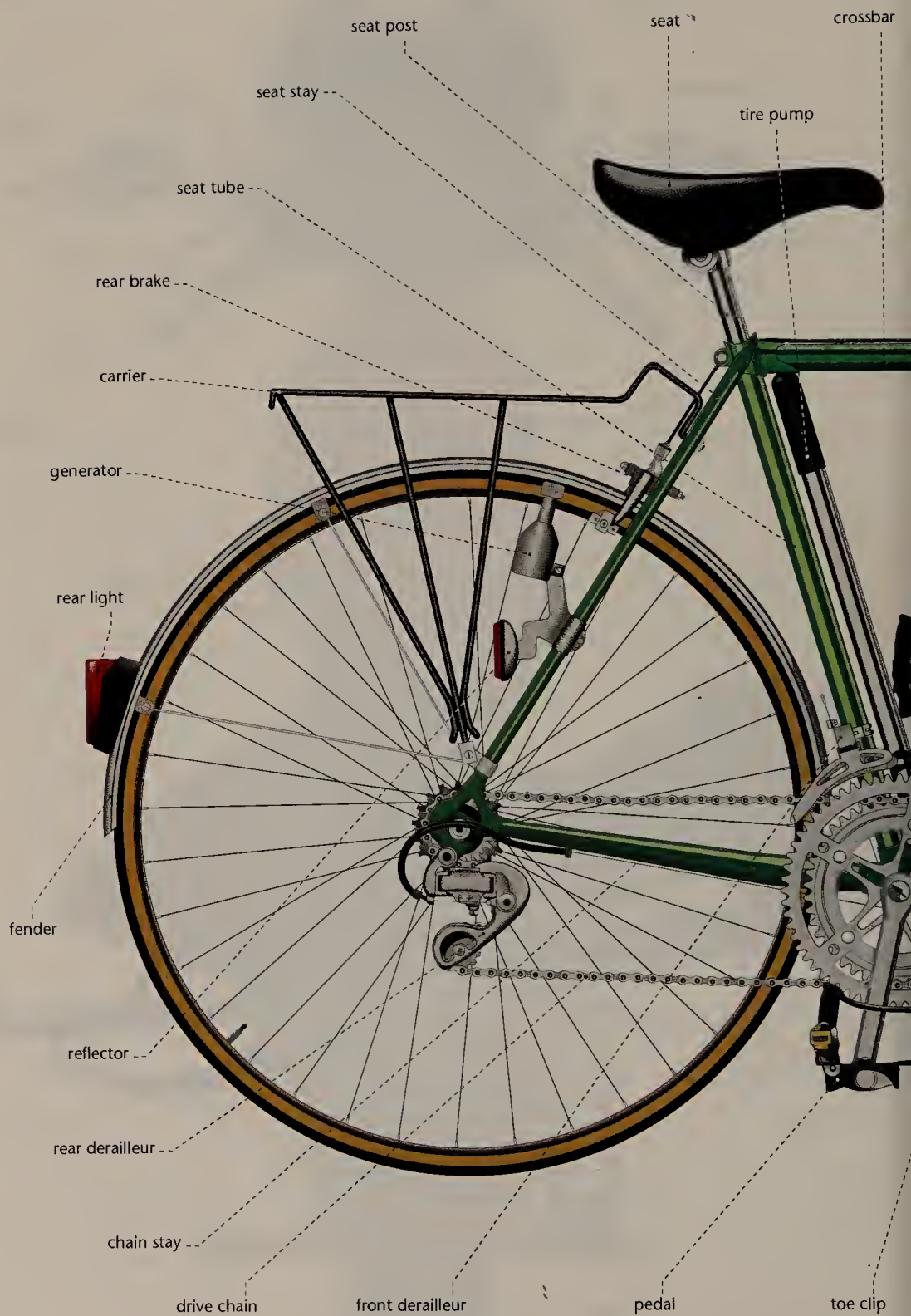
MOTORCYCLE DASHBOARD

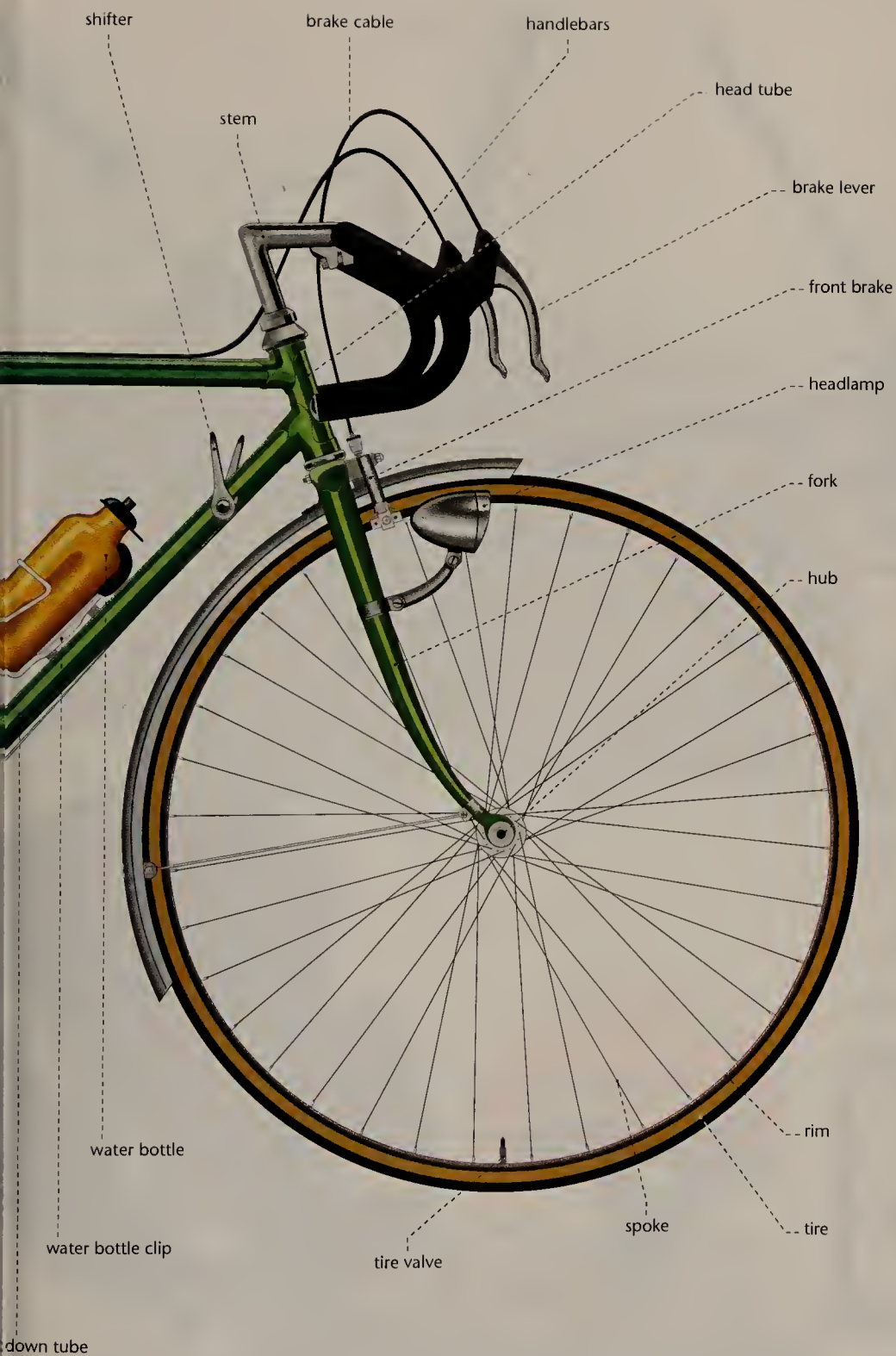


SNOWMOBILE



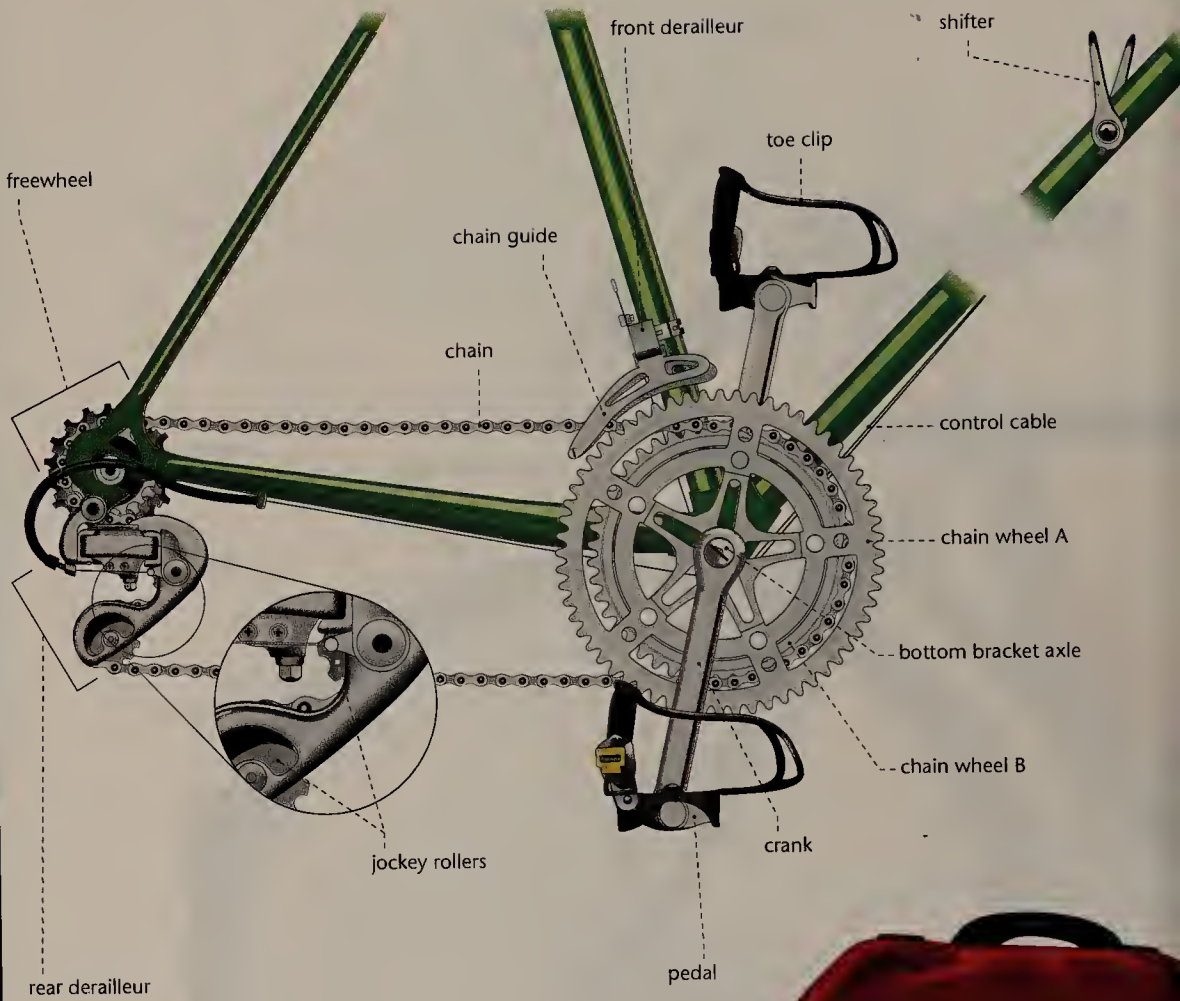
BICYCLE





BICYCLE

POWER TRAIN



ACCESSORIES



lock



protective helmet



bicycle bag

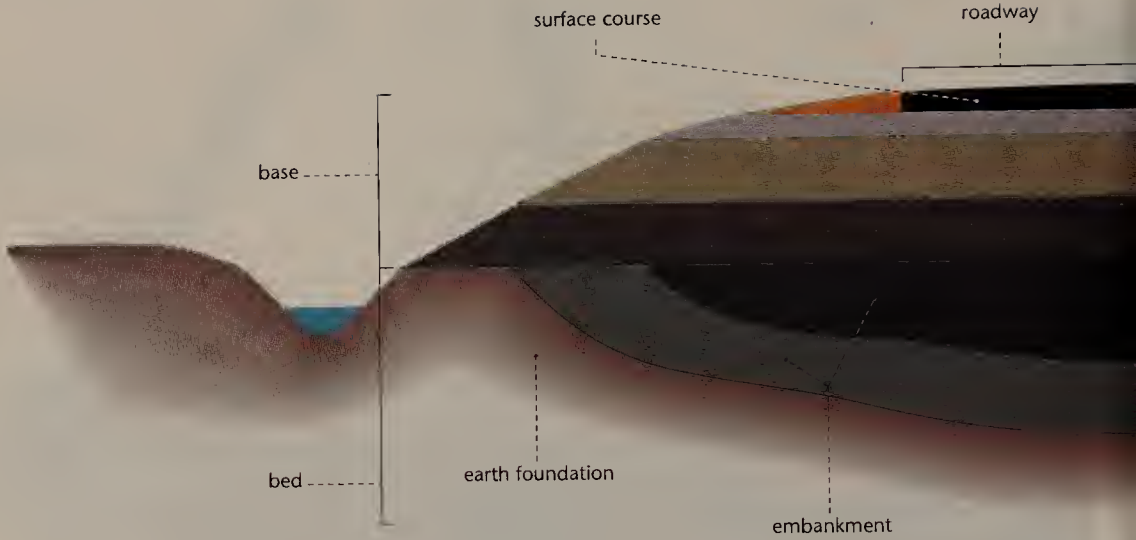
ROAD TRANSPORT

MOTOR HOME



ROAD SYSTEM

CROSS SECTION OF A ROAD



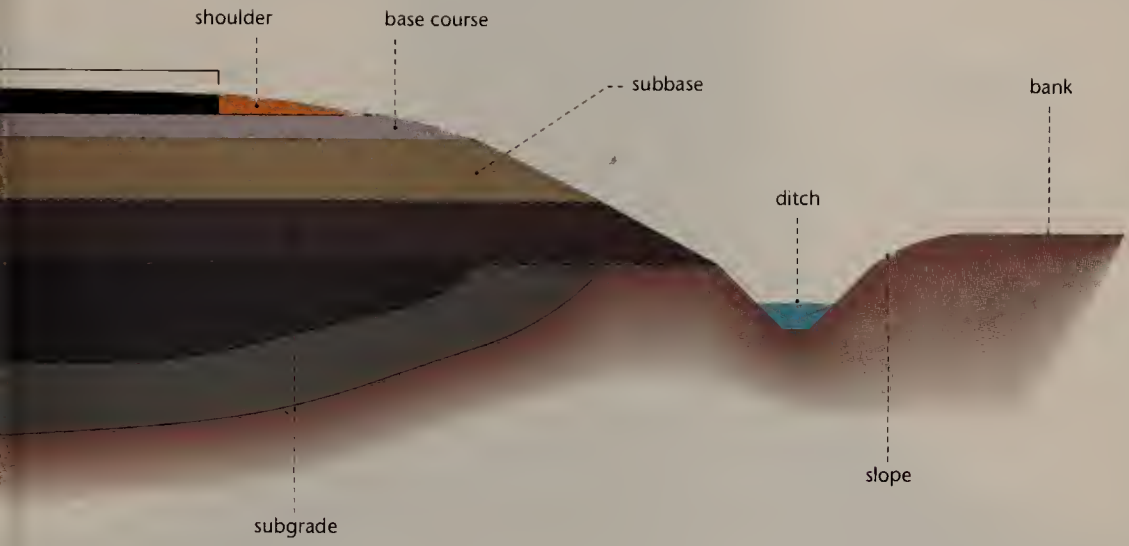
MAJOR TYPES OF INTERCHANGES

cloverleaf



traffic circle





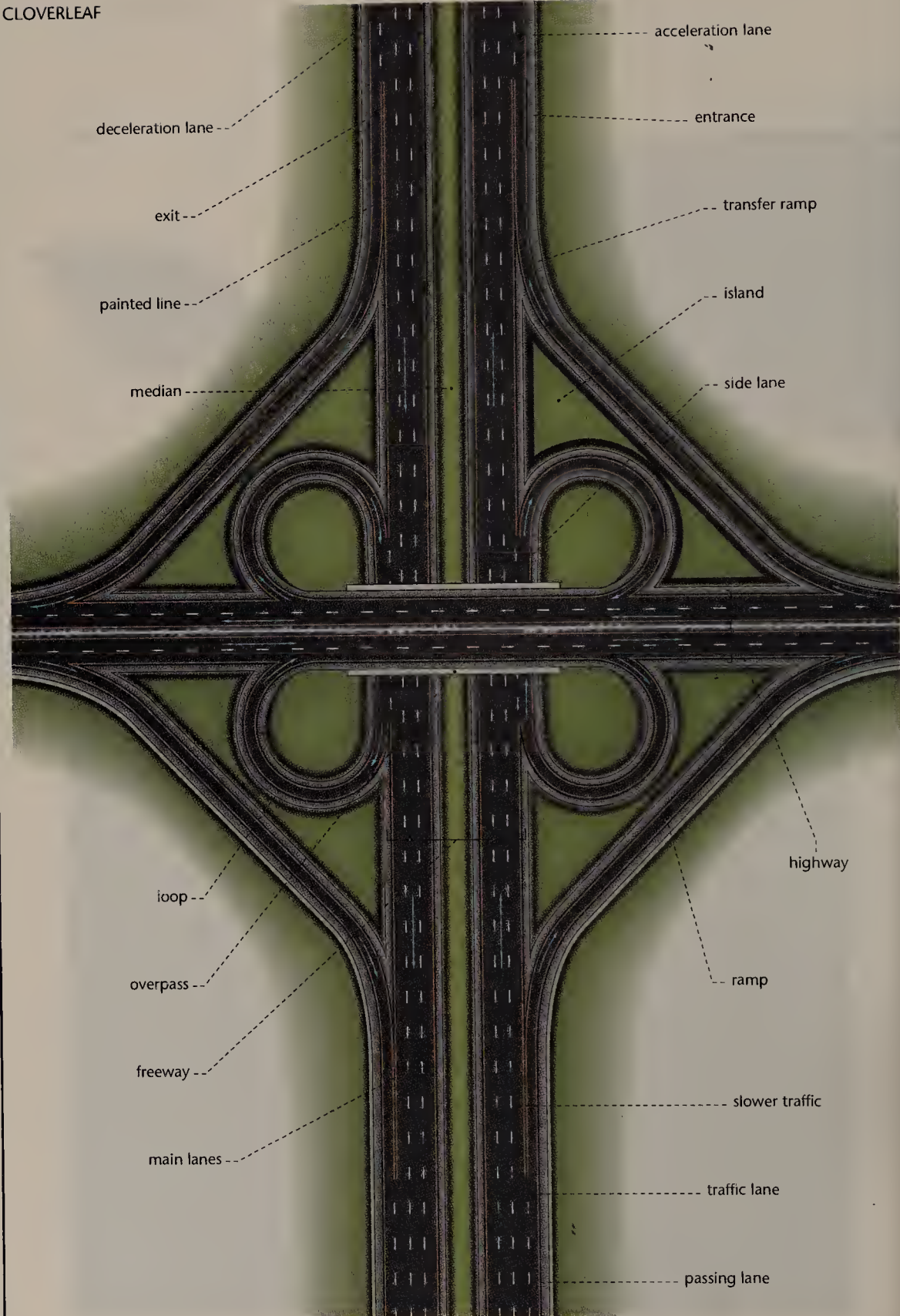
diamond interchange



trumpet interchange



CLOVERLEAF



SERVICE STATION

GASOLINE PUMP

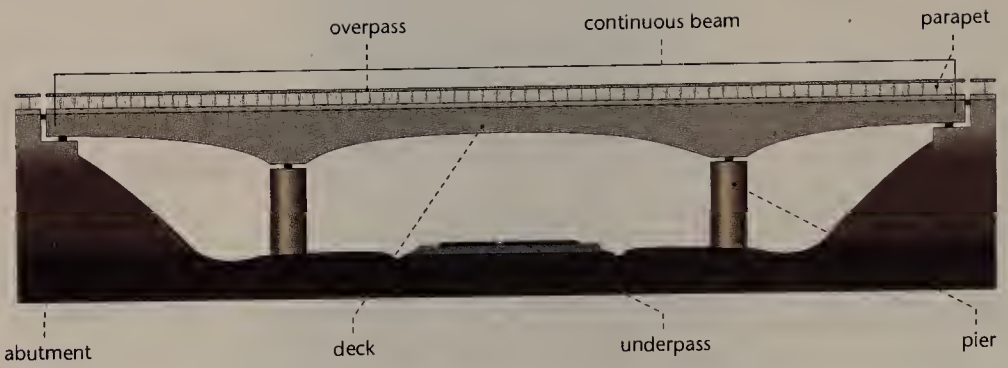


SERVICE STATION



FIXED BRIDGES

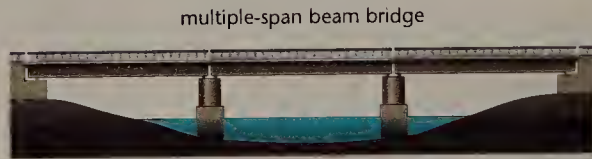
BEAM BRIDGE



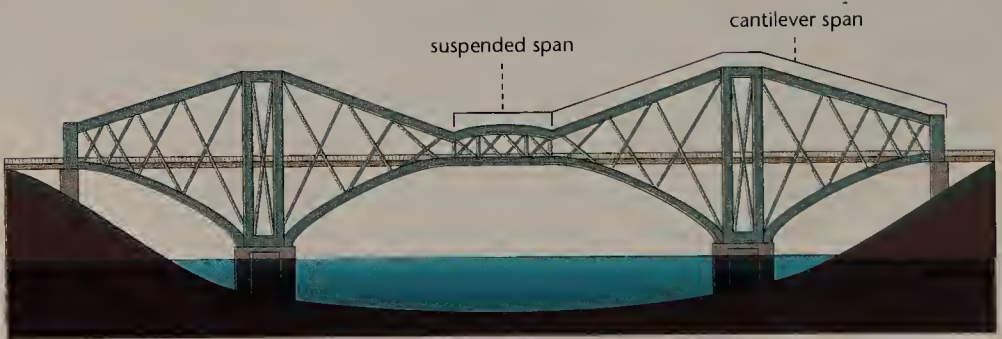
TYPES OF BEAM BRIDGES



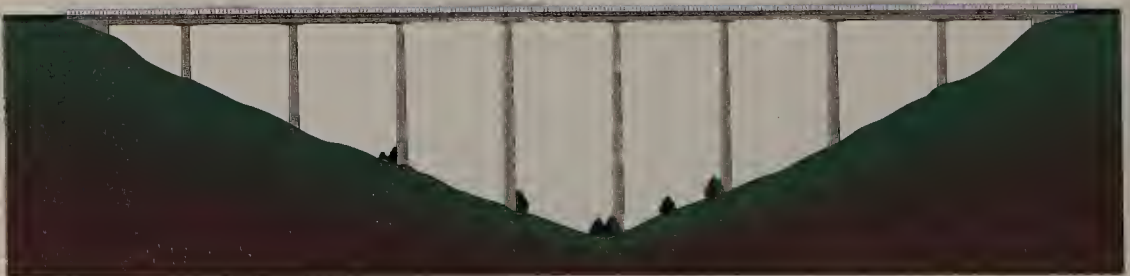
simple-span beam bridge



multiple-span beam bridge

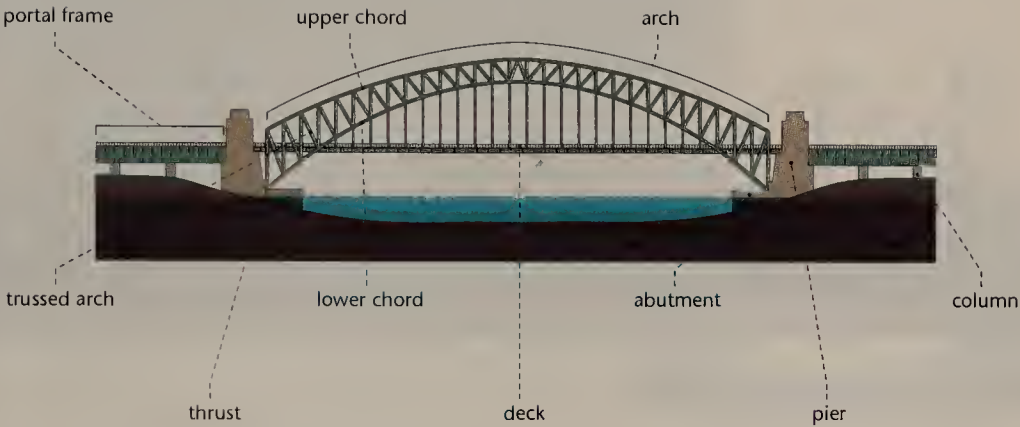


cantilever bridge



viaduct

ARCH BRIDGE



TYPES OF ARCH BRIDGES



deck arch bridge



through arch bridge



portal bridge



half-through arch bridge

TYPES OF ARCHES



fixed arch



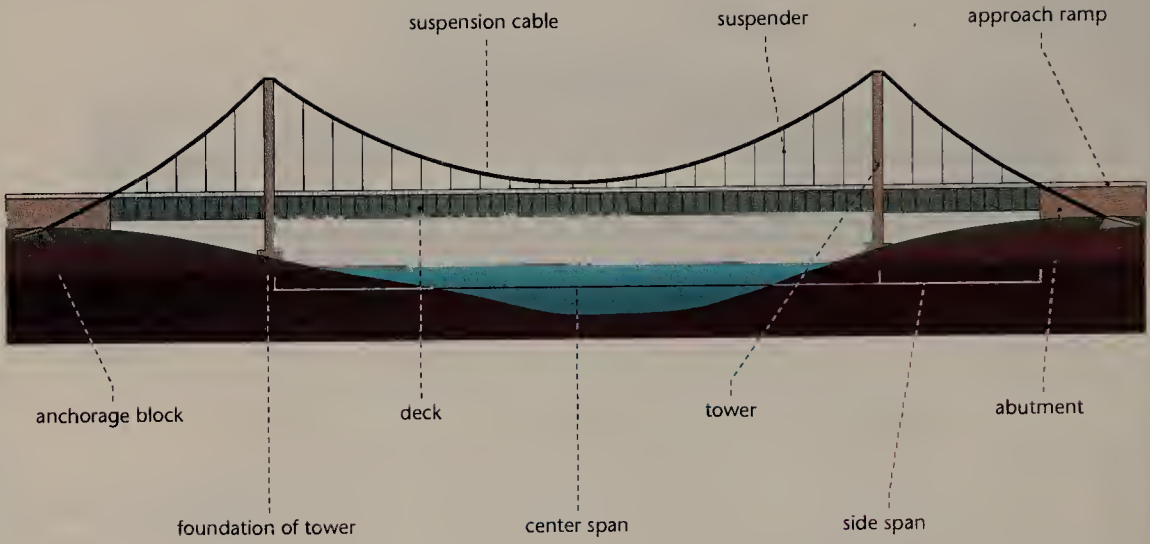
two-hinged arch



three-hinged arch

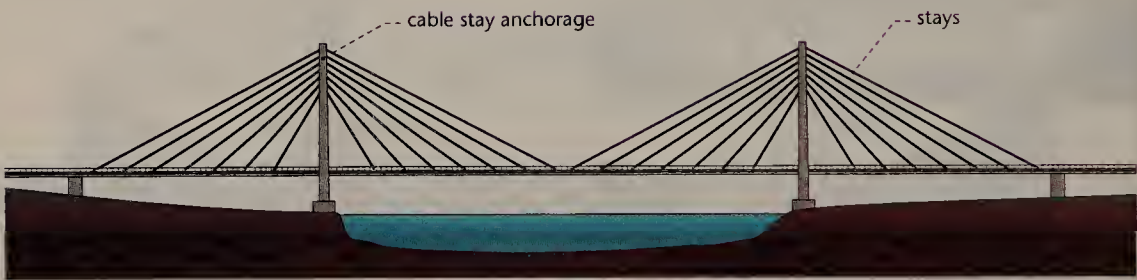
FIXED BRIDGES

SUSPENSION BRIDGE

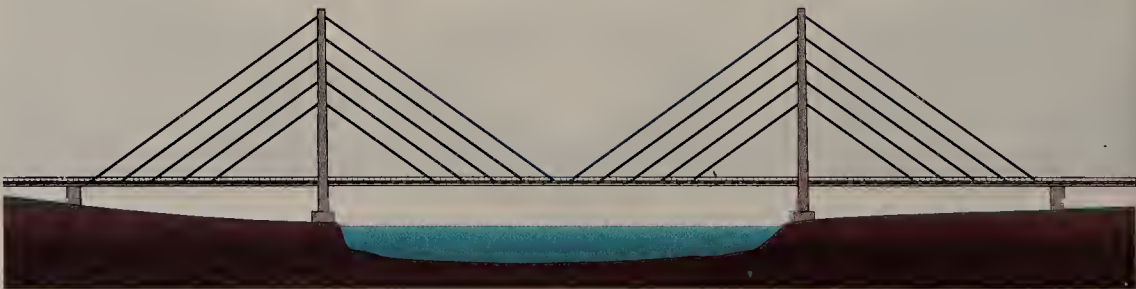


CABLE-STAYED BRIDGES

fan cable stays



harp cable stays

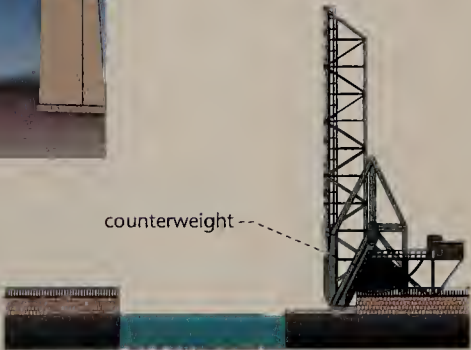


MOVABLE BRIDGES



SWING BRIDGE

turntable



counterweight

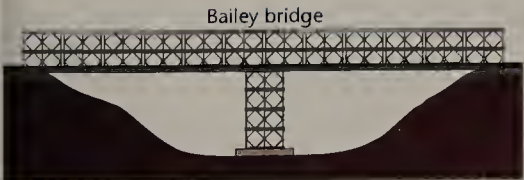
SINGLE-LEAF BASCULE BRIDGE



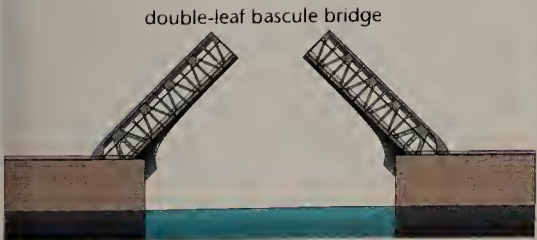
FLOATING BRIDGE

manrope

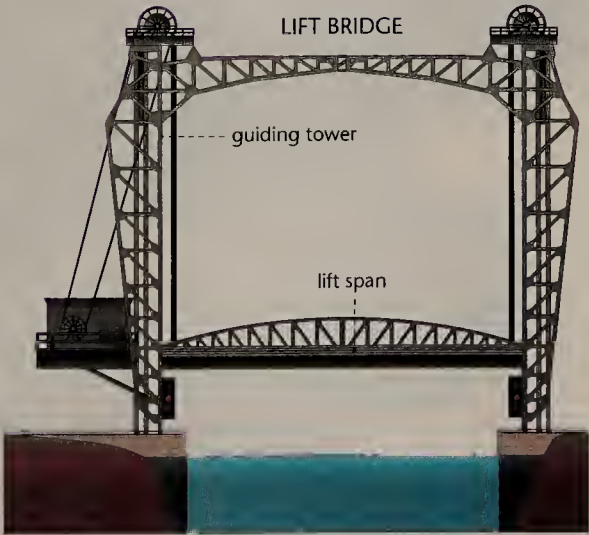
pontoon



Bailey bridge



double-leaf bascule bridge



LIFT BRIDGE

guiding tower

lift span

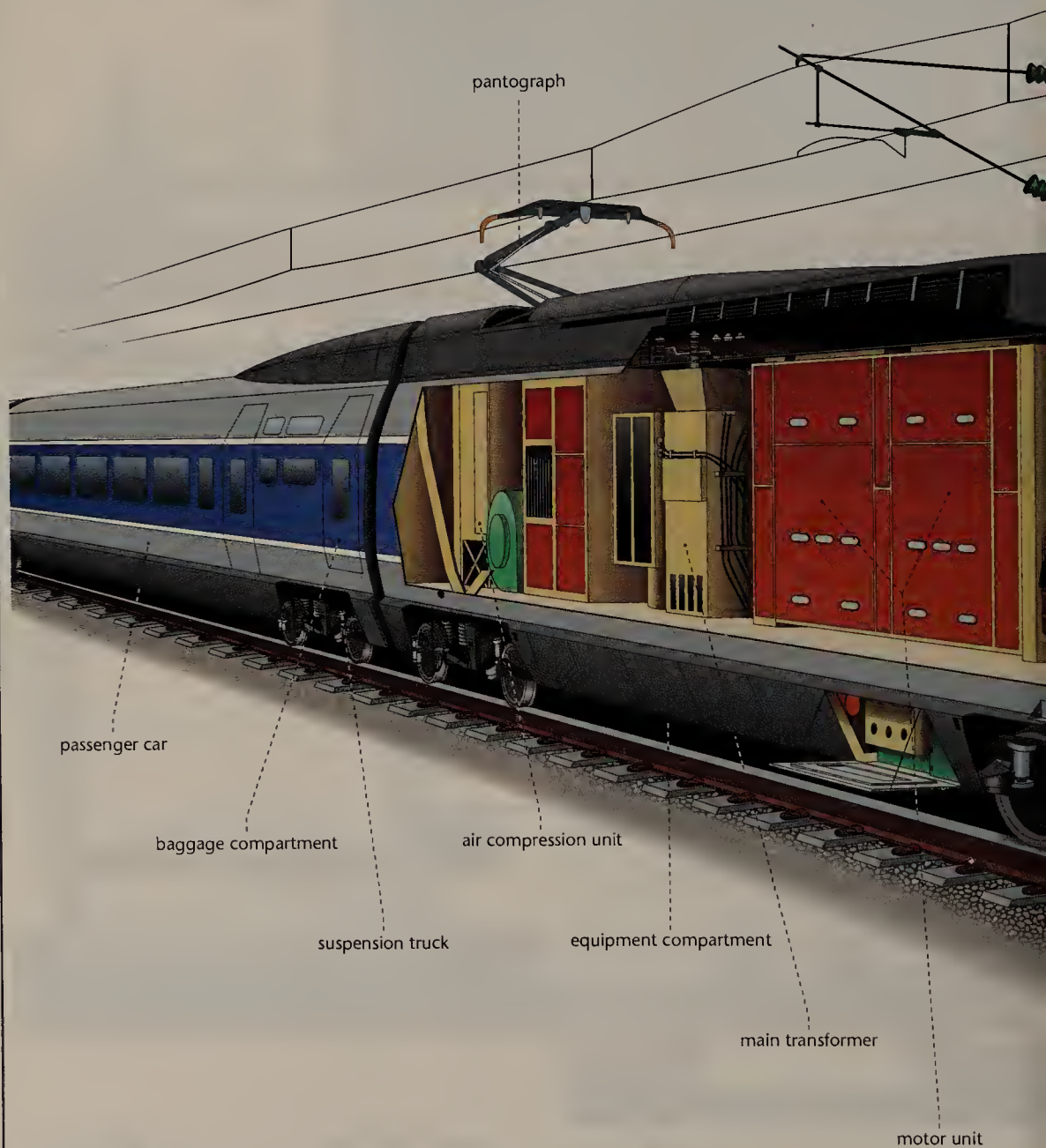


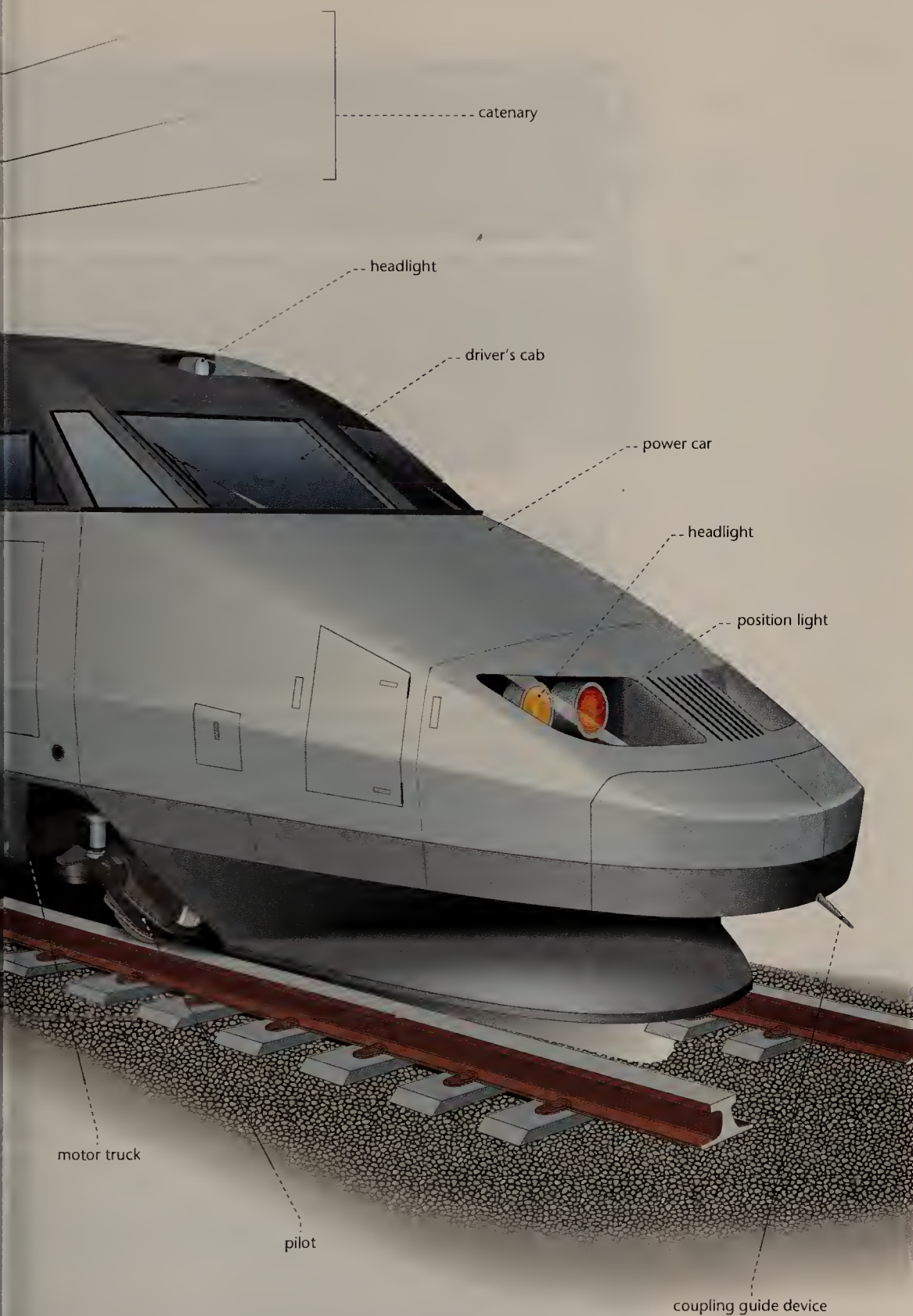
TRANSPORTER BRIDGE

trolley

platform

HIGH-SPEED TRAIN



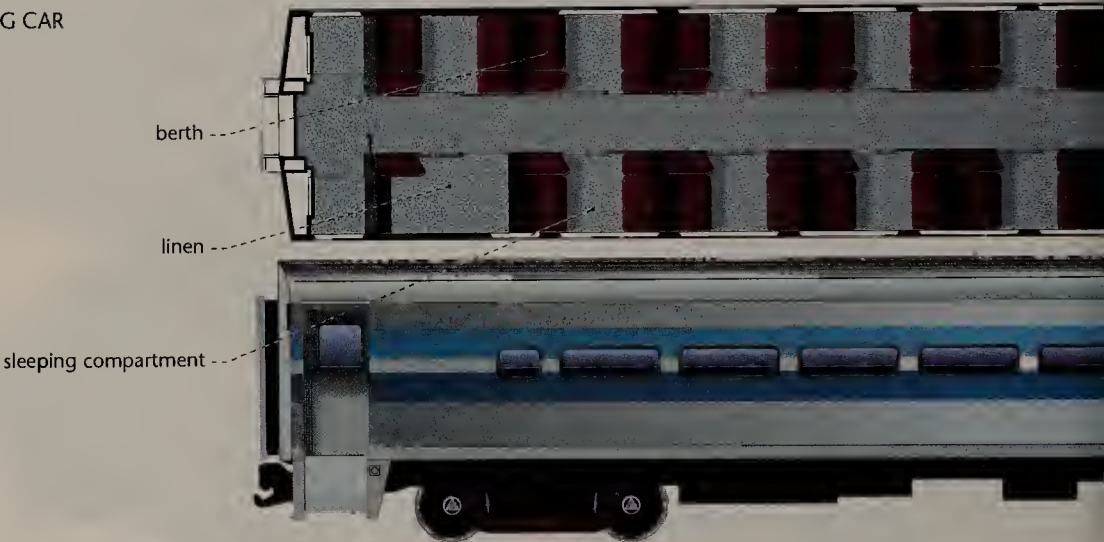


TYPES OF PASSENGER CARS

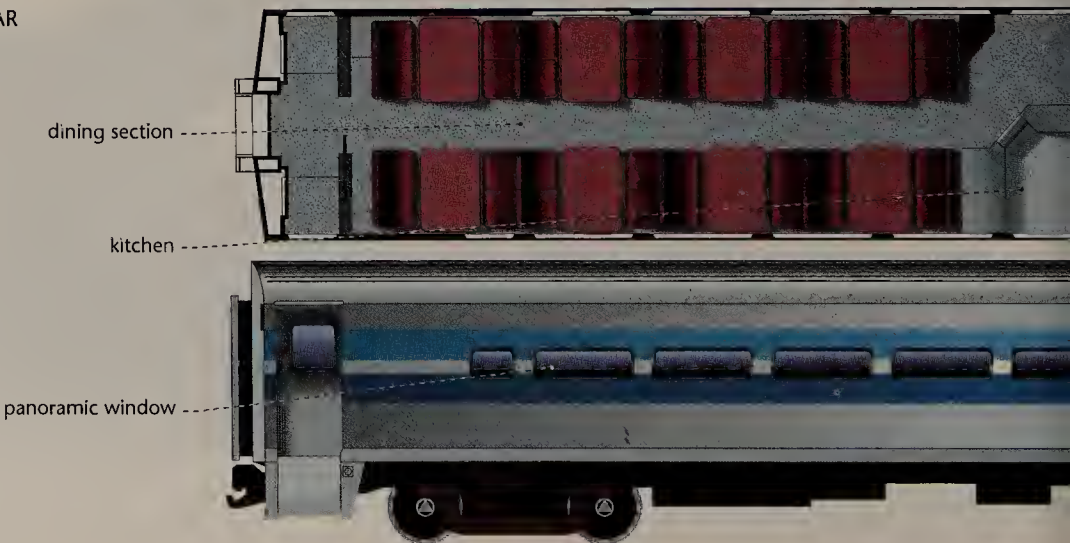
COACH CAR



SLEEPING CAR



DINING CAR





PASSENGER STATION



office

glassed roof

indicator board

parcels office

baggage room

passenger train

platform edge

passenger platform

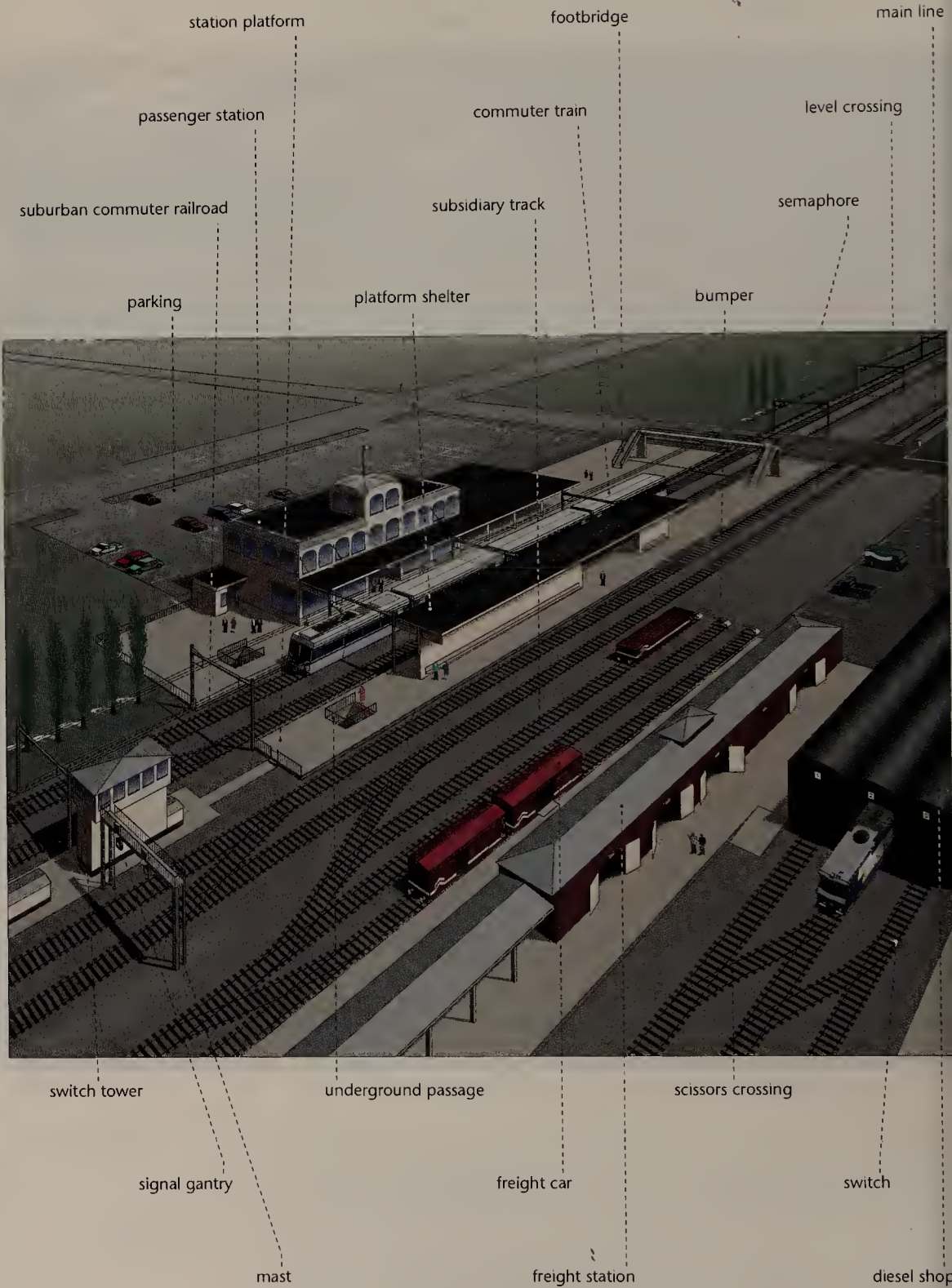
gate

booking hall

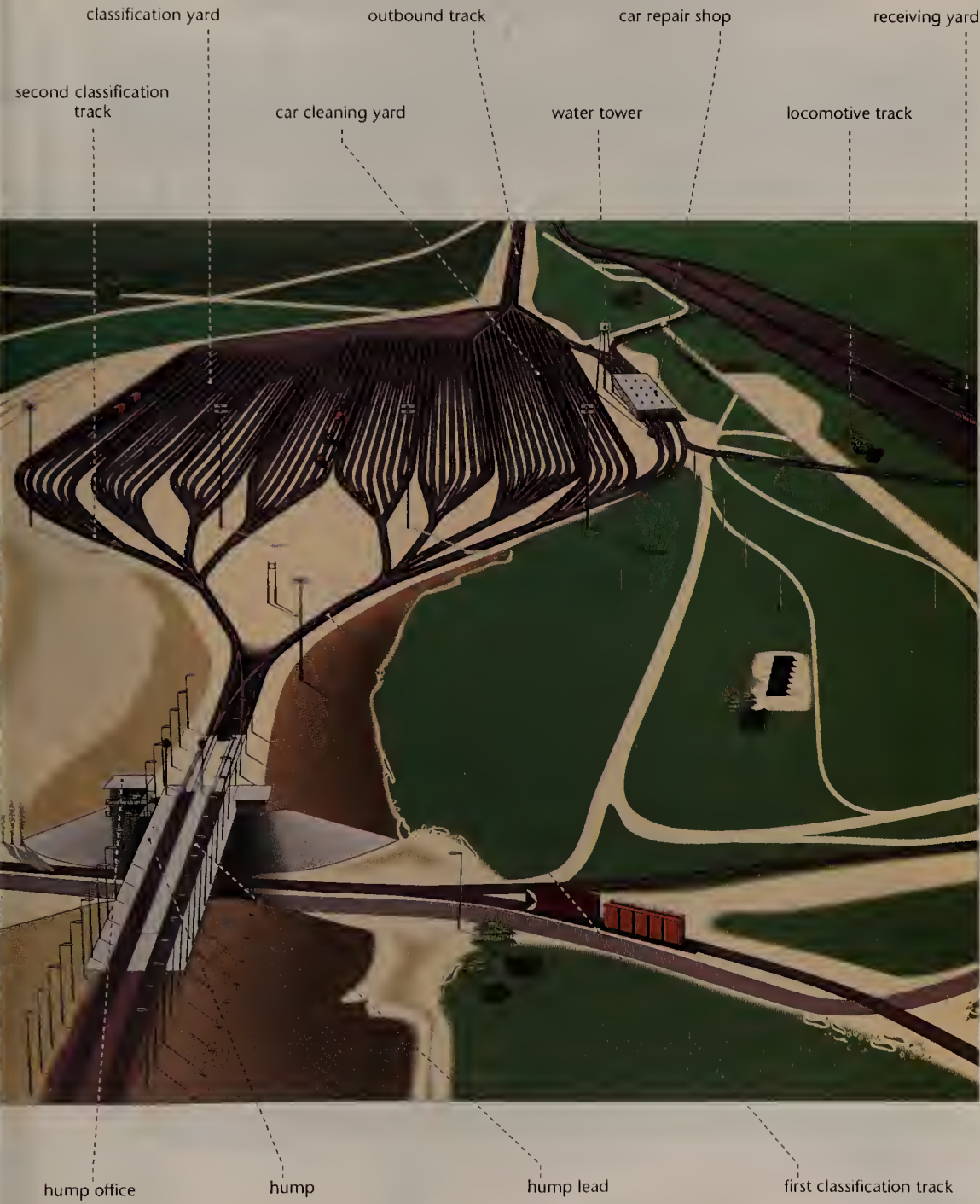
platform number



RAILROAD STATION

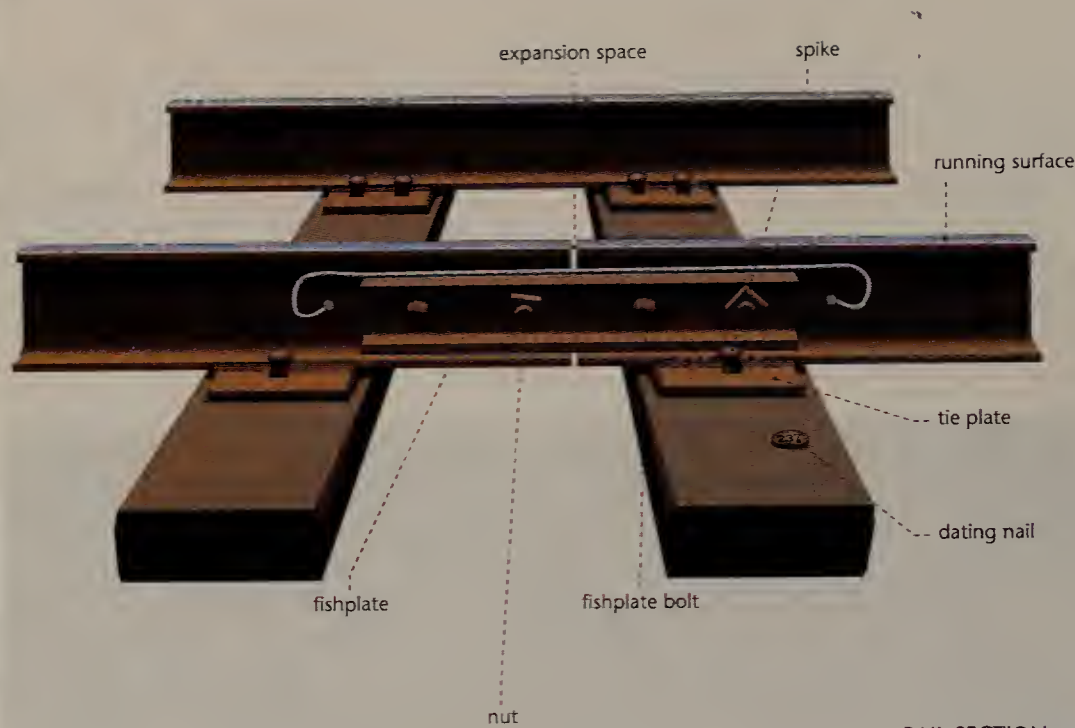


YARD

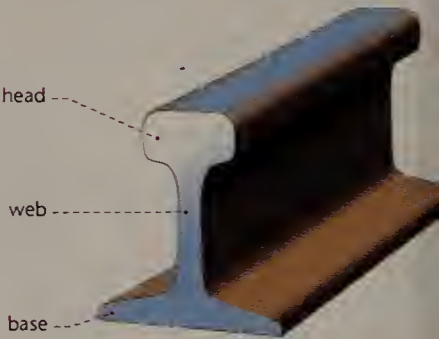


RAILROAD TRACK

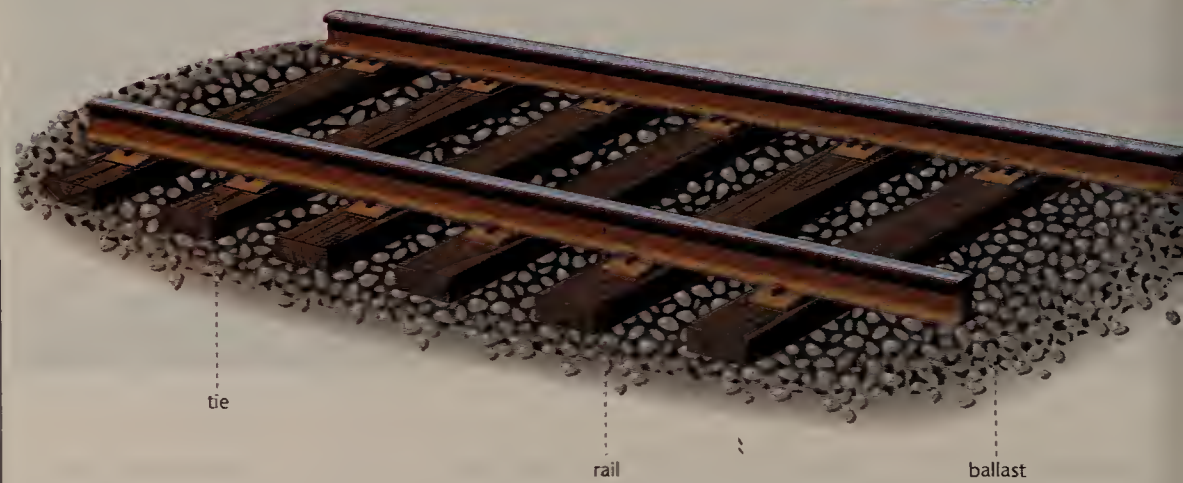
RAIL JOINT



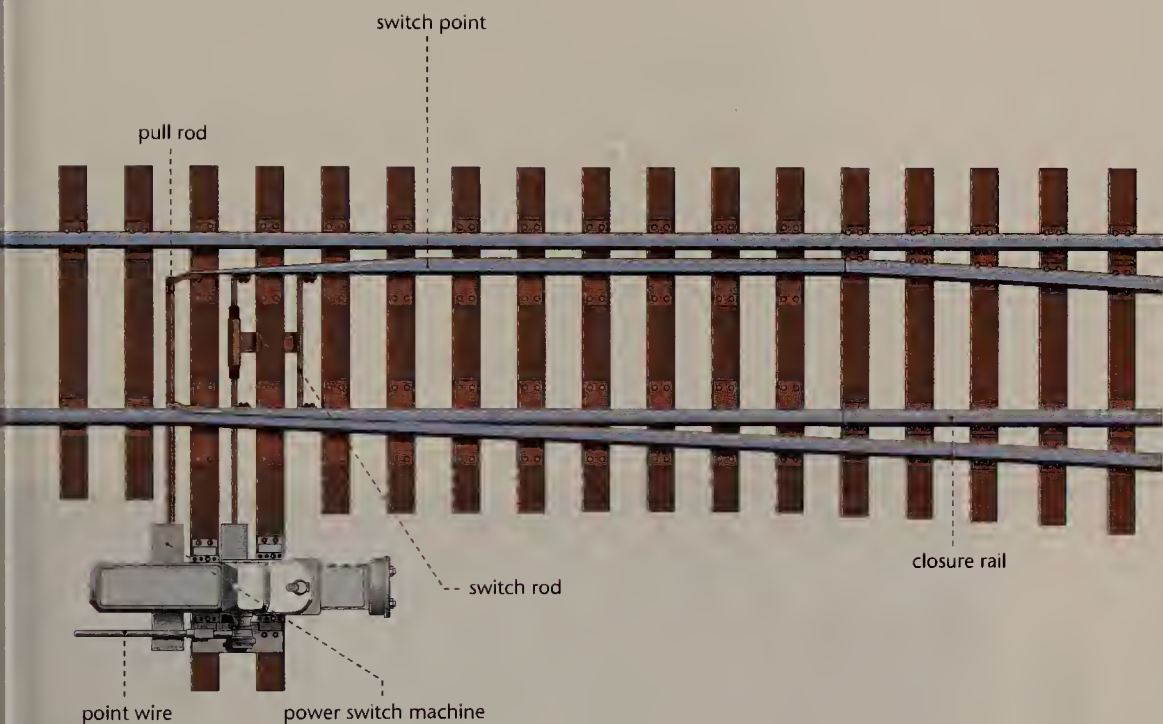
RAIL SECTION



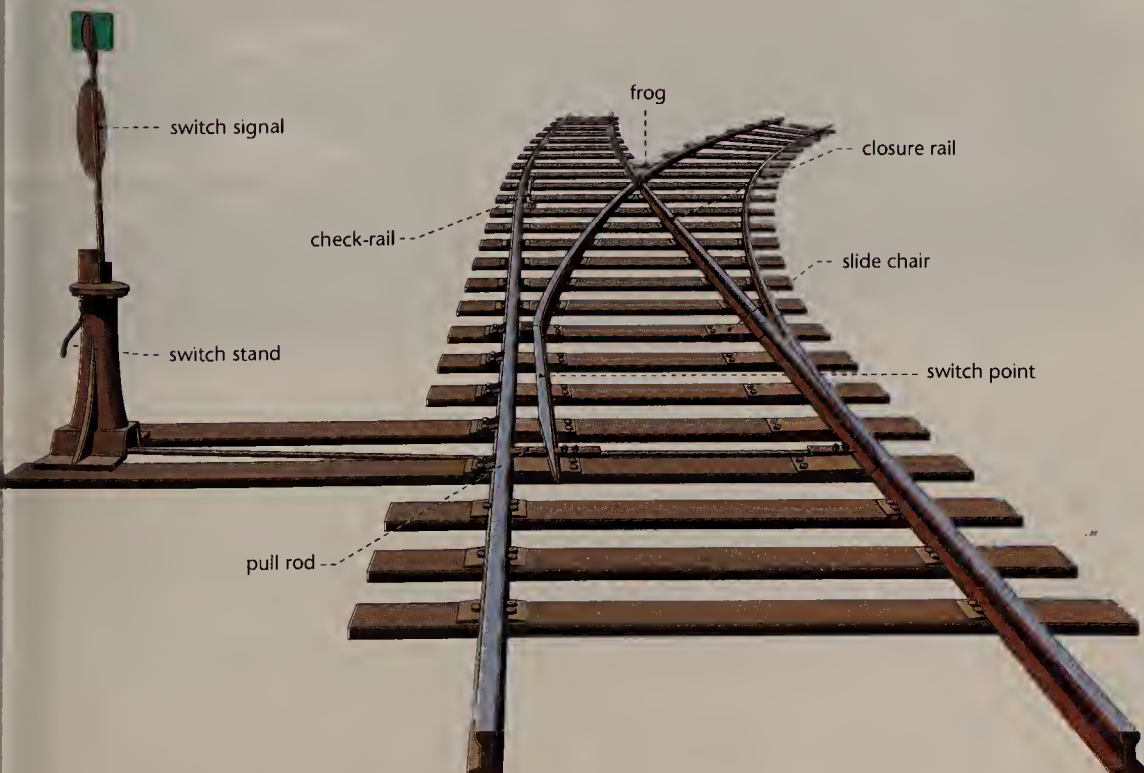
RAILROAD TRACK



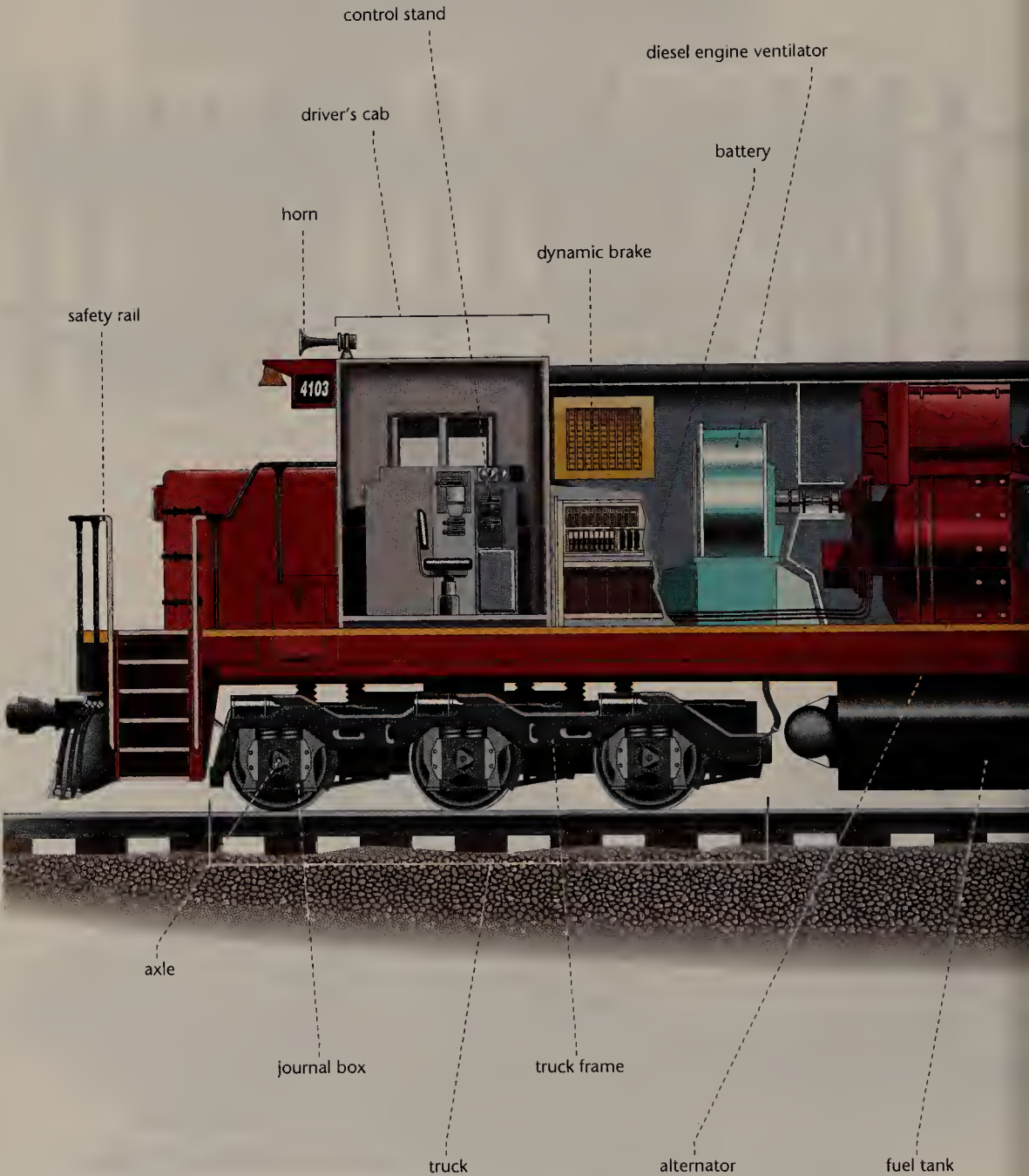
REMOTE-CONTROLLED SWITCH



MANUALLY-OPERATED SWITCH



DIESEL-ELECTRIC LOCOMOTIVE



safety rail

control stand

driver's cab

horn

diesel engine ventilator

battery

dynamic brake

4103

axle

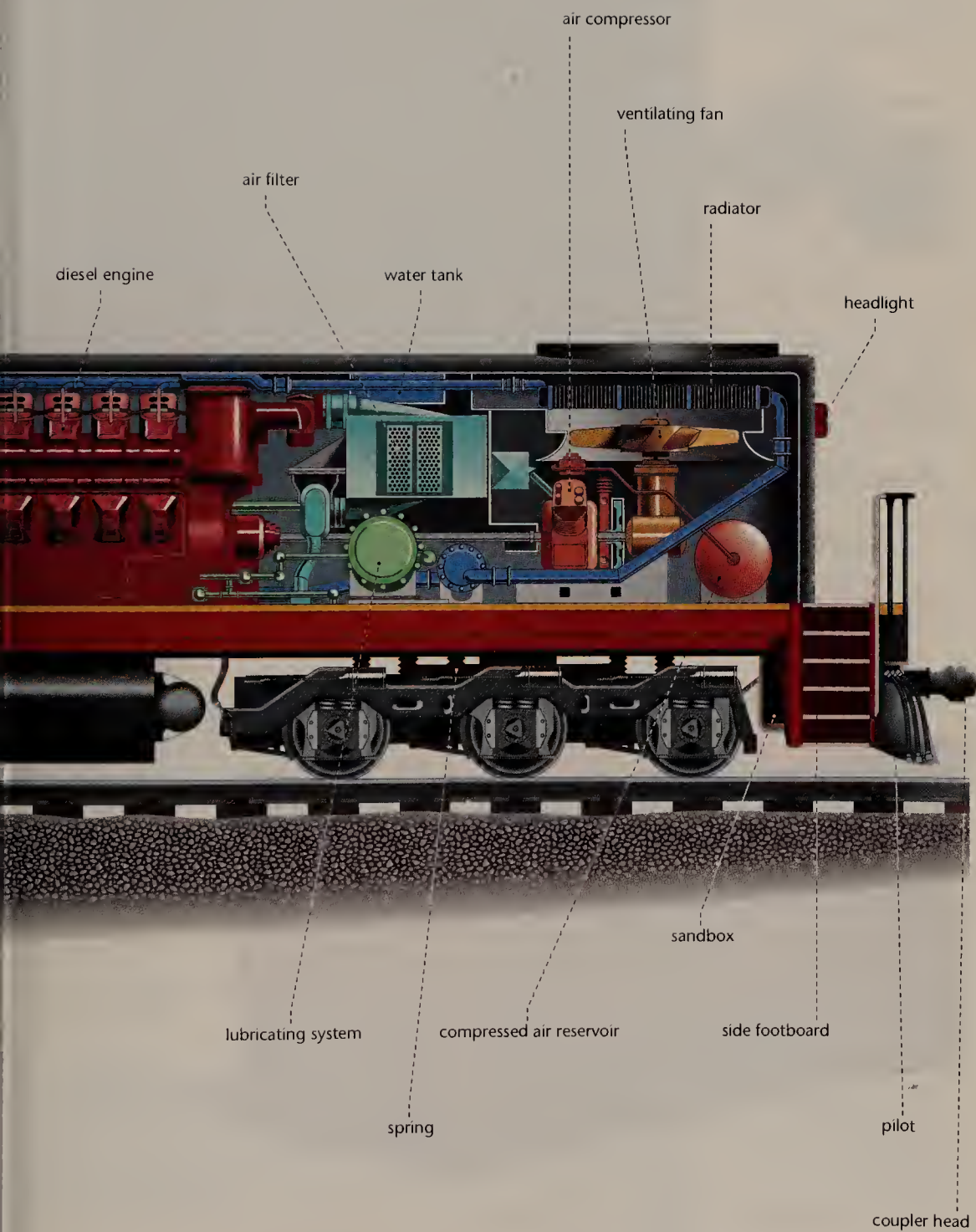
journal box

truck frame

truck

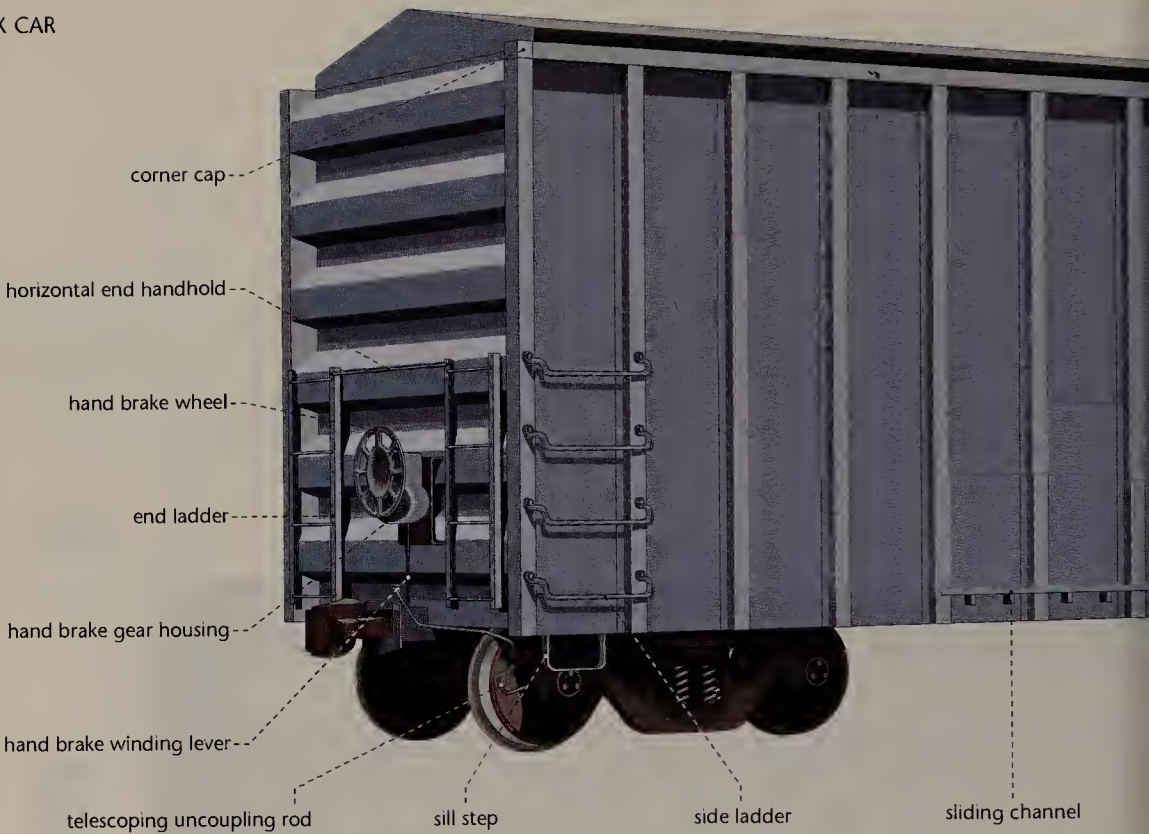
alternator

fuel tank

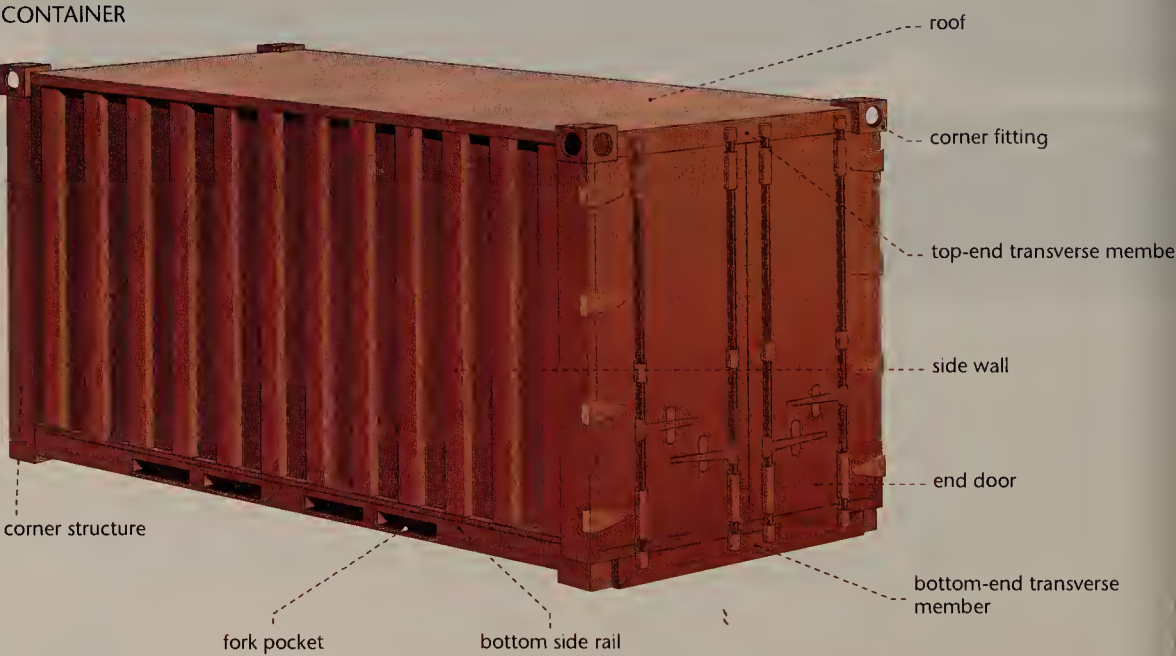


CAR

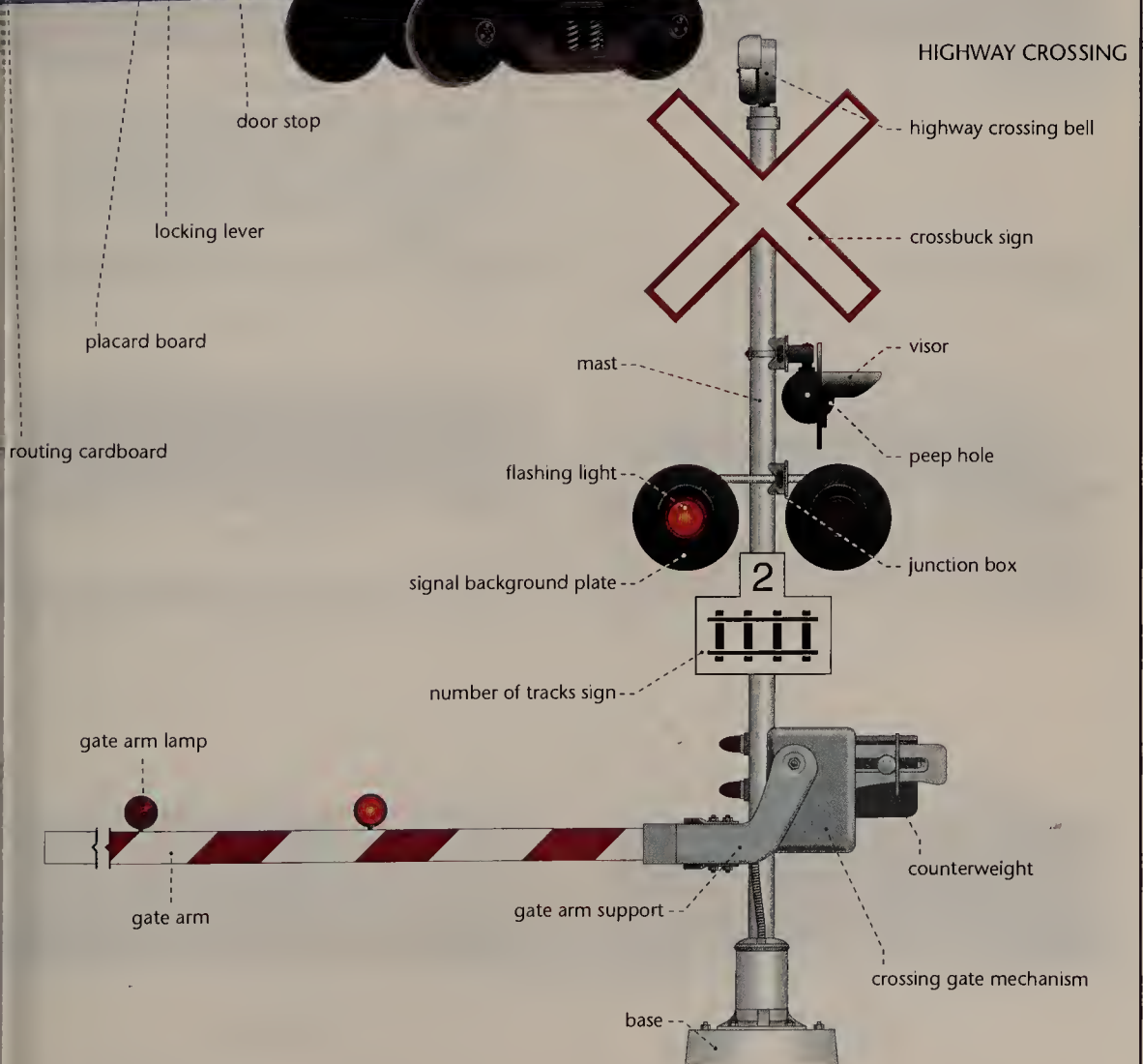
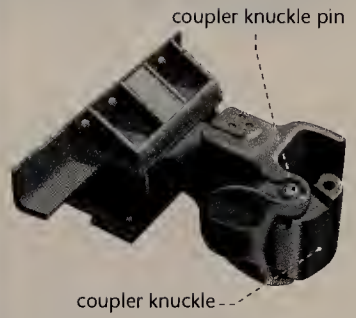
BOX CAR



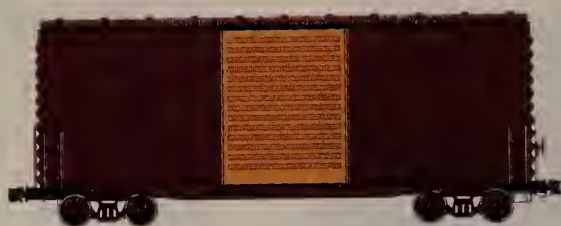
CONTAINER



COUPLER HEAD



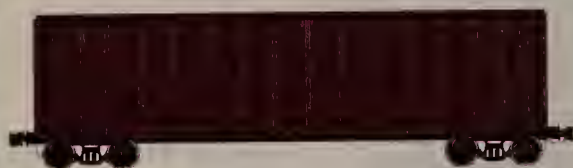
TYPES OF FREIGHT CARS



box car



tank car



wood chip car



livestock car



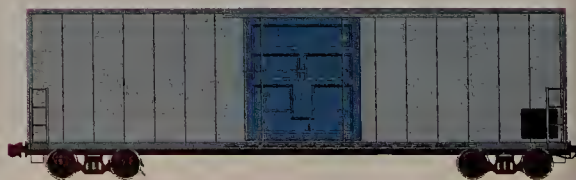
hopper car



hard top gondola



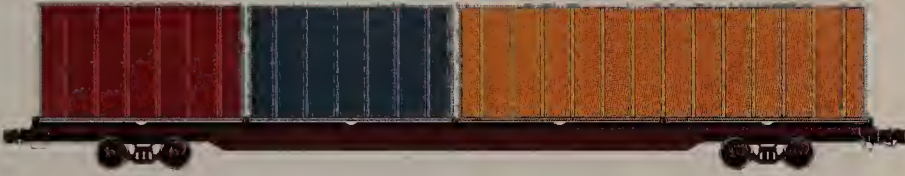
hopper ore car



refrigerator car



automobile car



container car



piggyback car



flat car



bulkhead flat car



gondola car

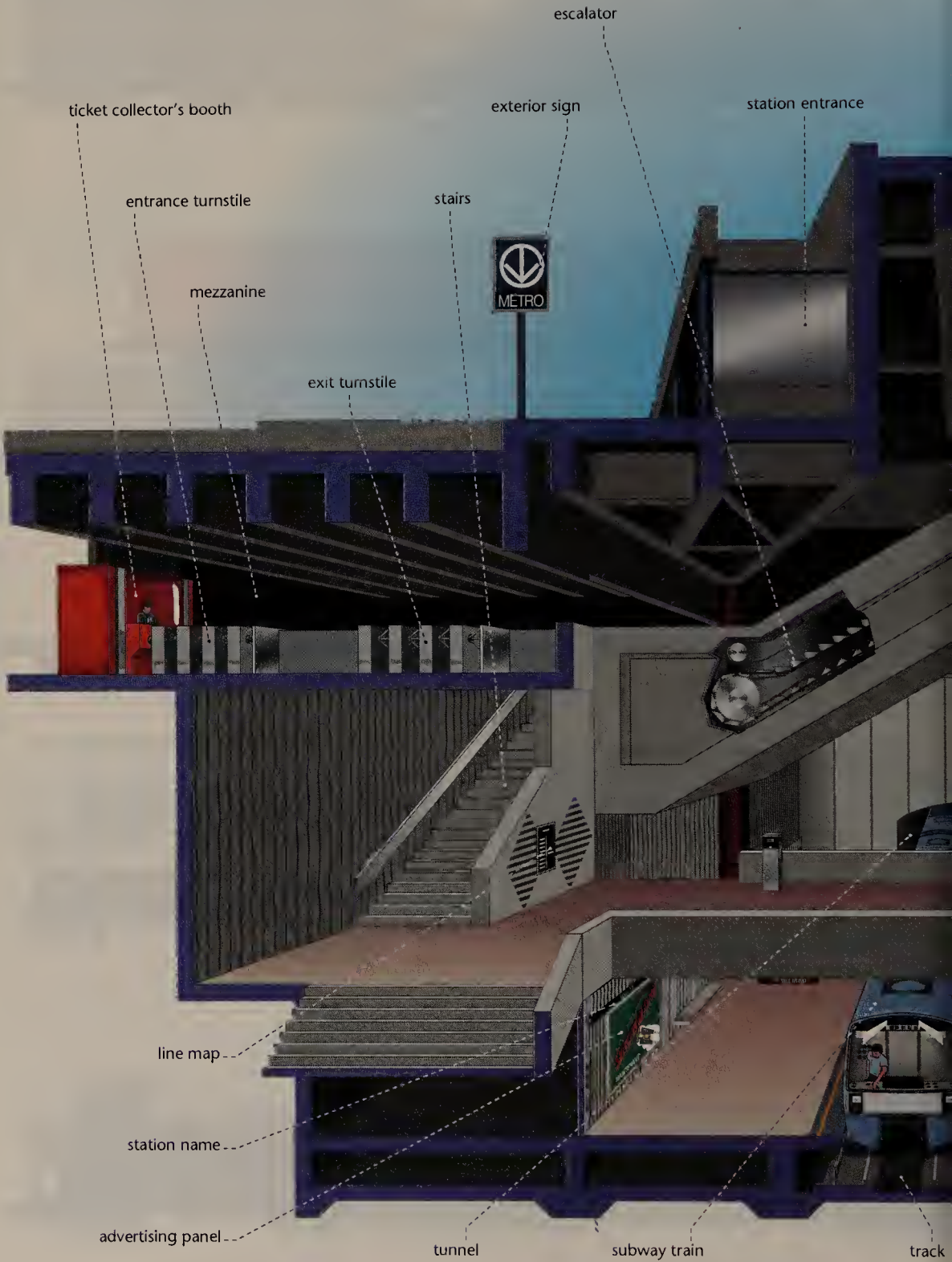


depressed-center flat car

caboose

SUBWAY

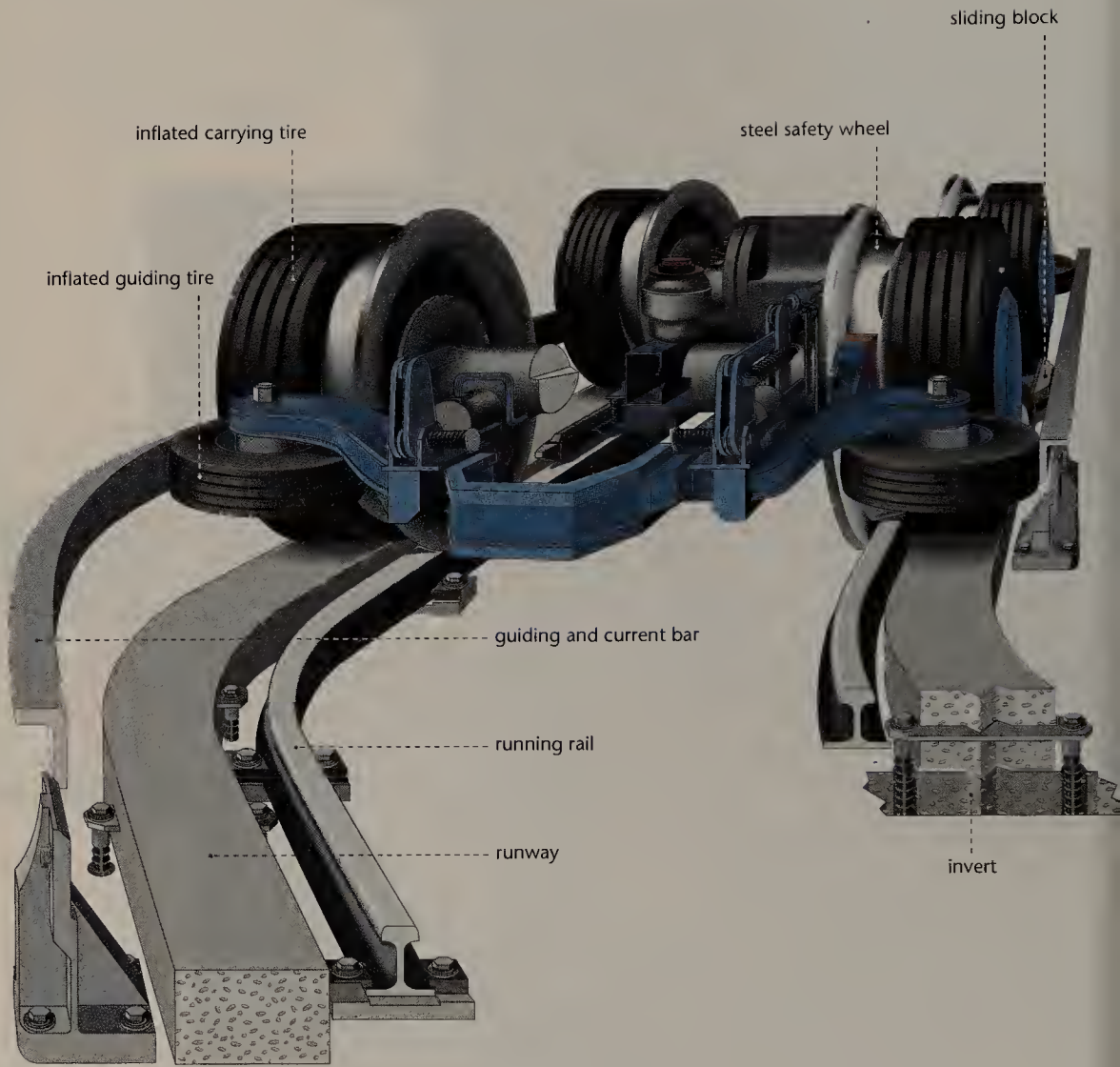
SUBWAY STATION





SUBWAY

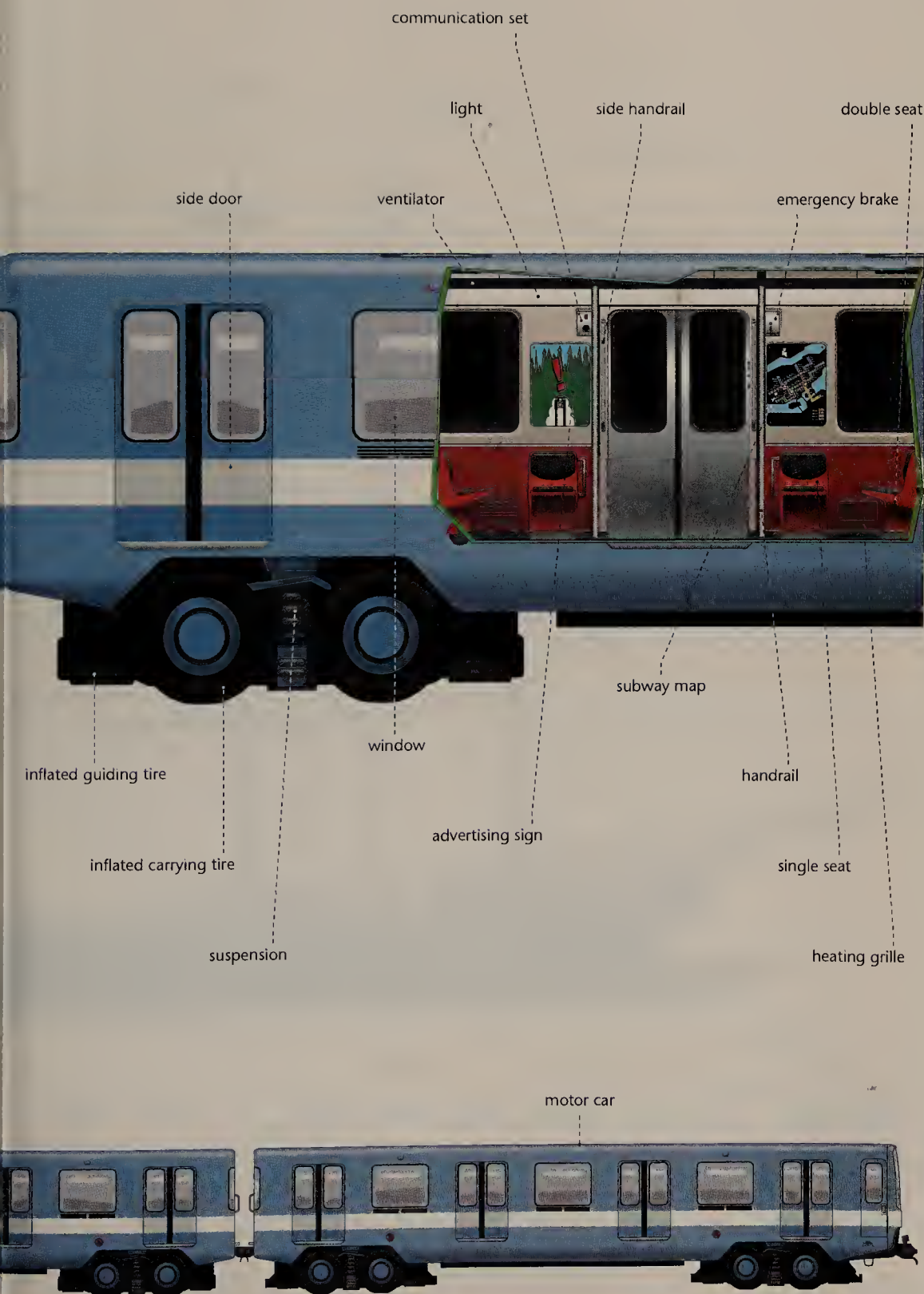
TRUCK AND TRACK



SUBWAY TRAIN



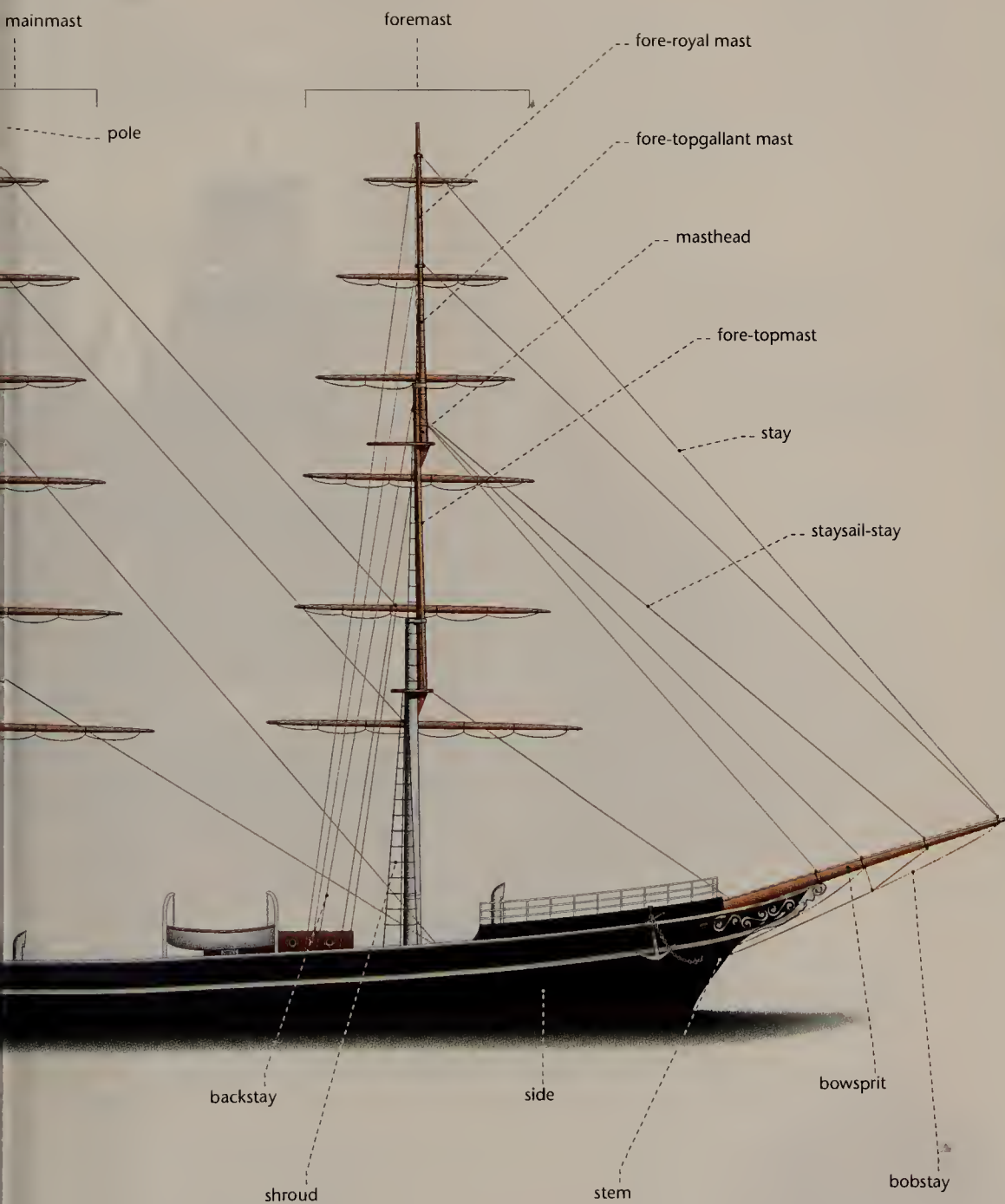
PASSENGER CAR



FOUR-MASTED BARK

MASTING AND RIGGING

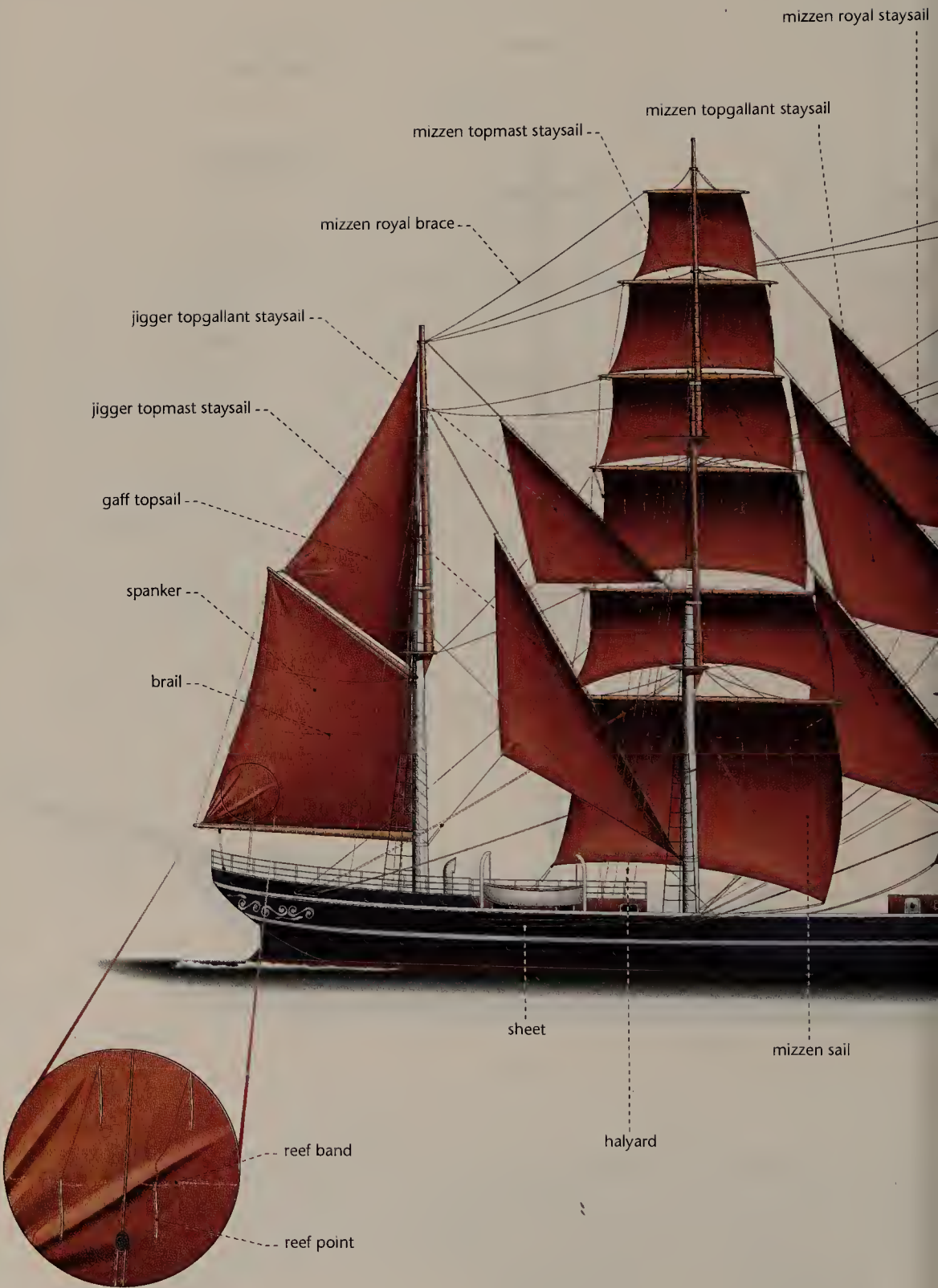


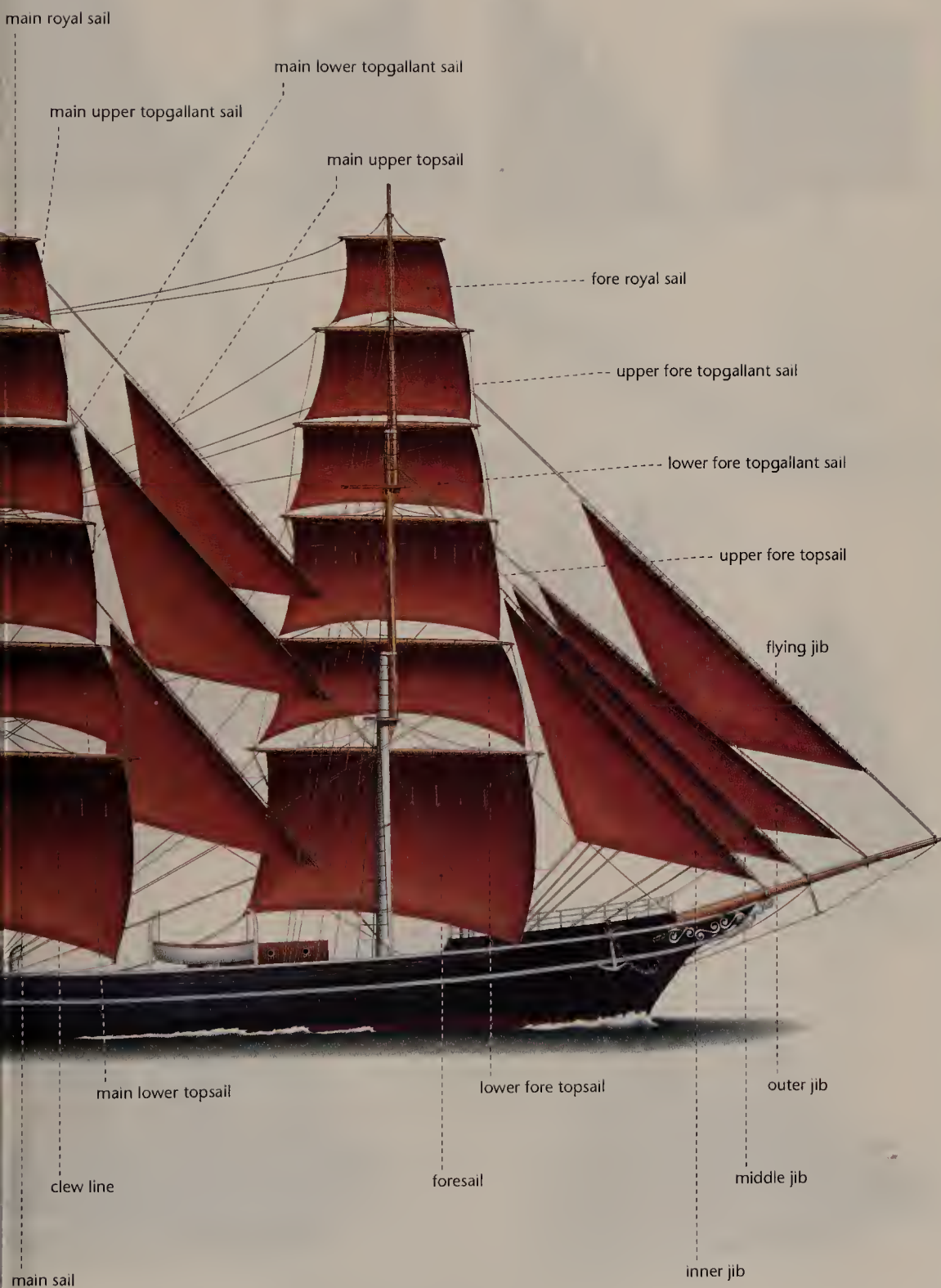


FOUR-MASTED BARK

SAILS

MARITIME TRANSPORT





TYPES OF SAILS



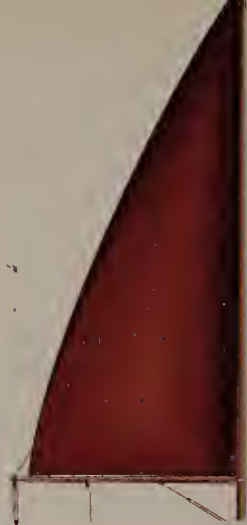
square sail



lateen sail



gaff sail



Bermuda sail

TYPES OF RIGS



ketch



whale boat



brigantine



Marconi cutter



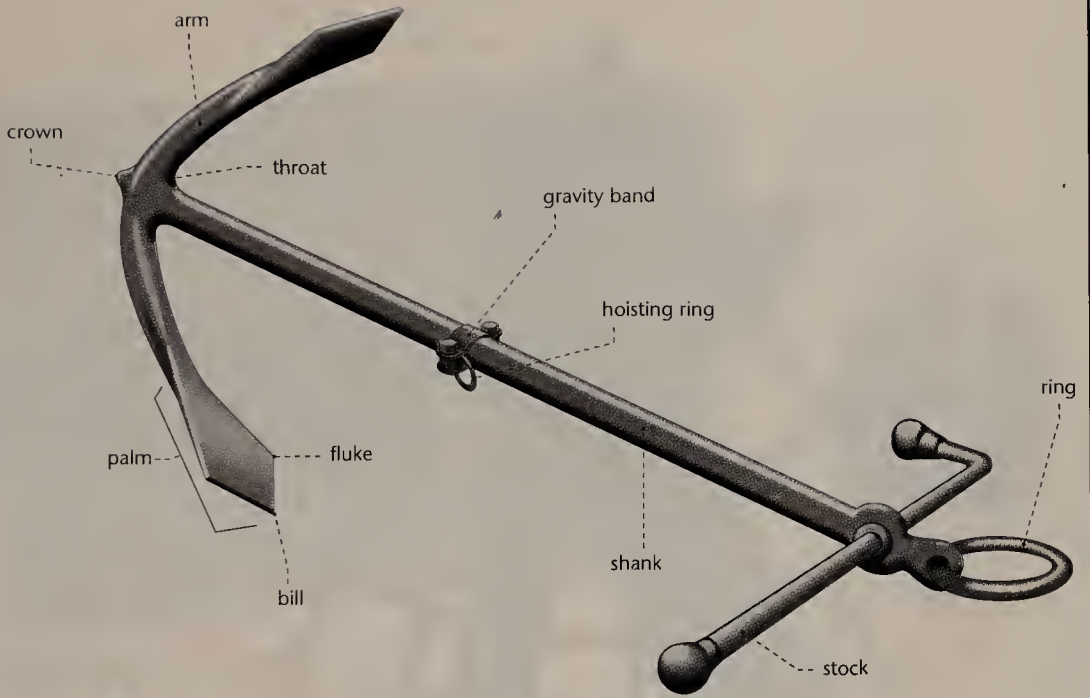
brig



schooner

ANCHOR

SHIP'S ANCHOR



TYPES OF ANCHORS



stockless anchor



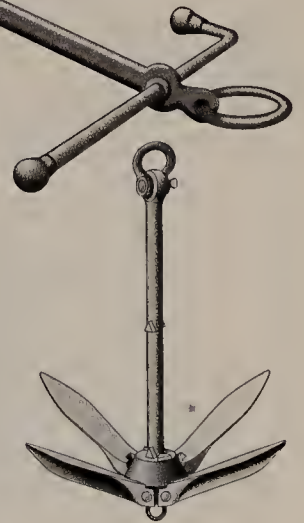
mushroom anchor



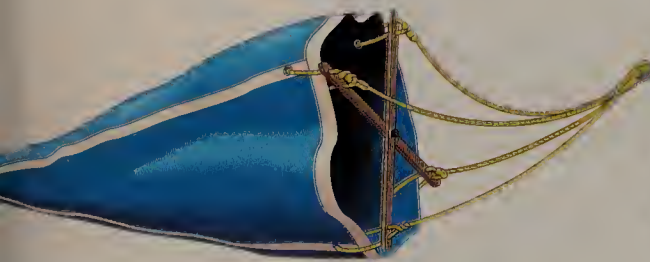
stocked anchor



plow anchor



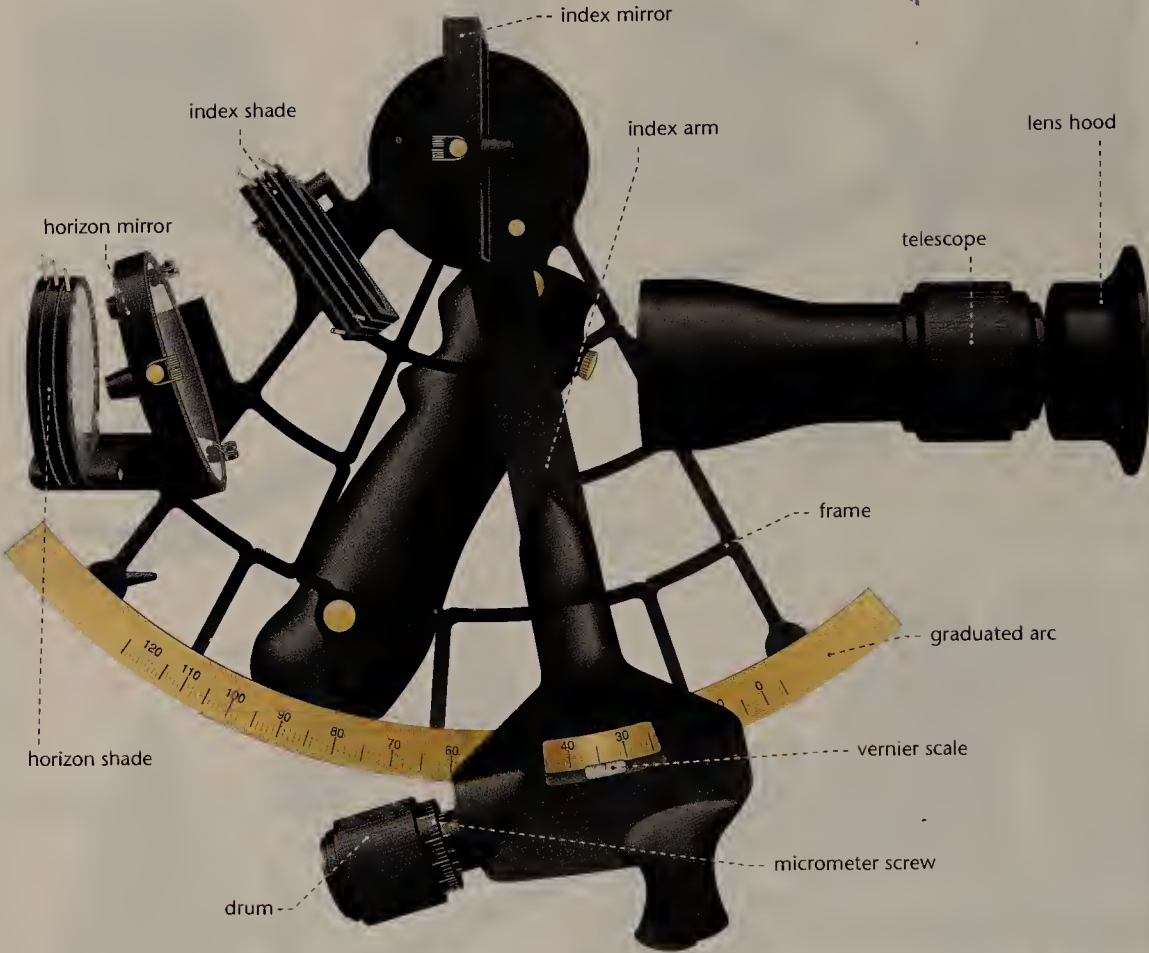
grapnel



sea anchor

NAVIGATION DEVICES

SEXTANT



LIQUID COMPASS



ECHO SOUNDER



ECHO SOUNDER PROBE



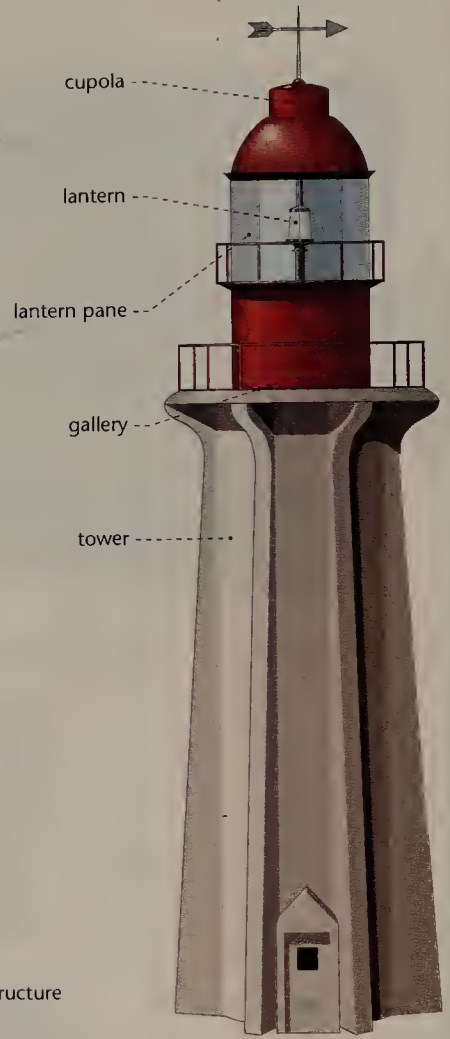
CROSS SECTION OF A LIQUID COMPASS



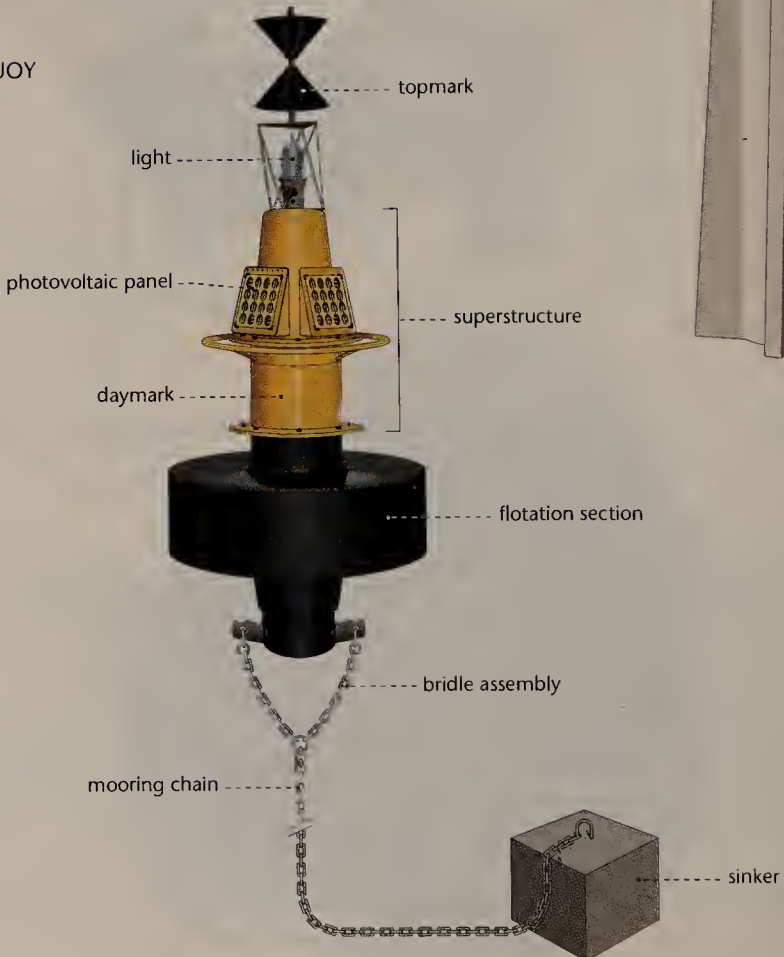
LIGHTHOUSE LANTERN

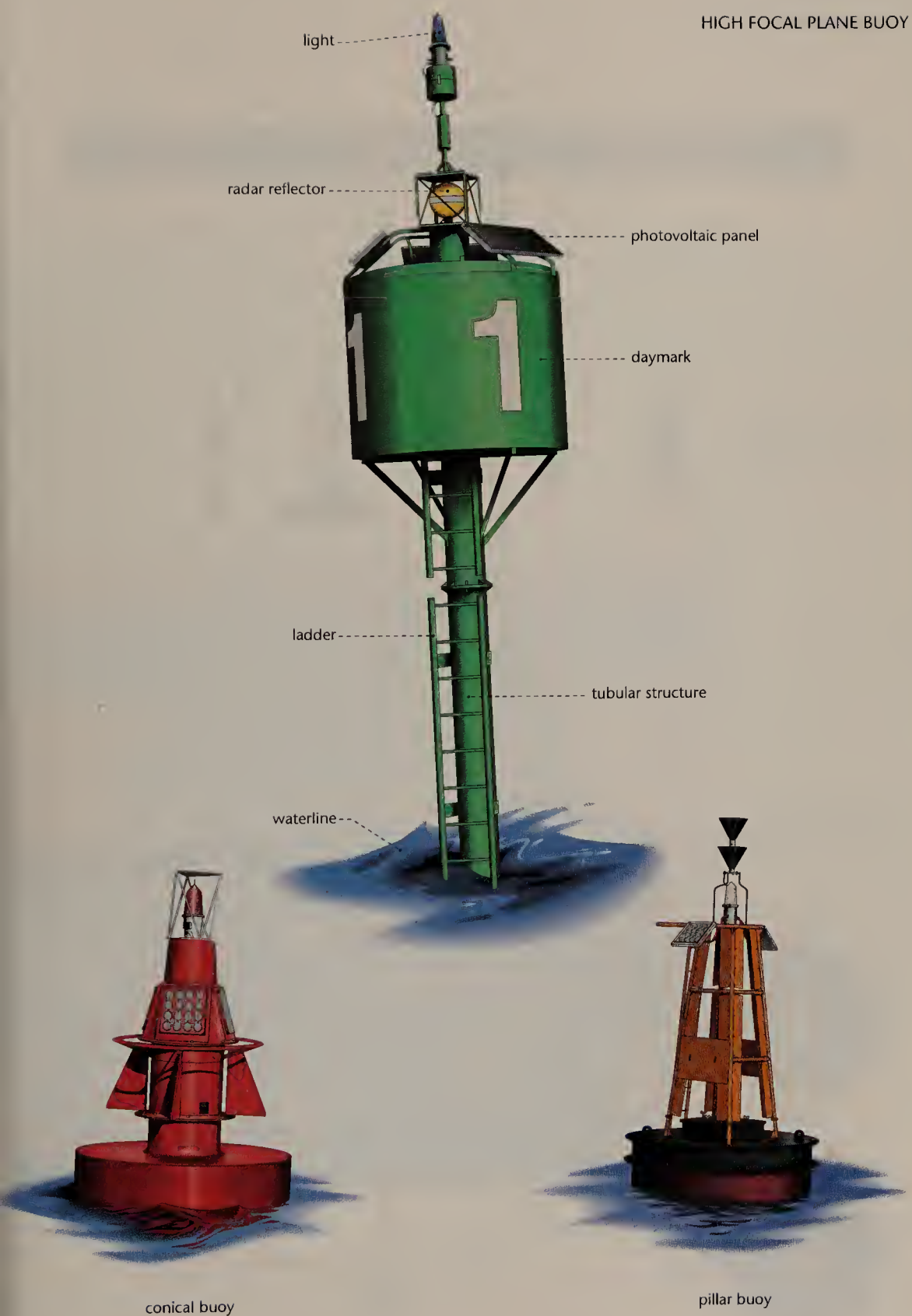


LIGHTHOUSE



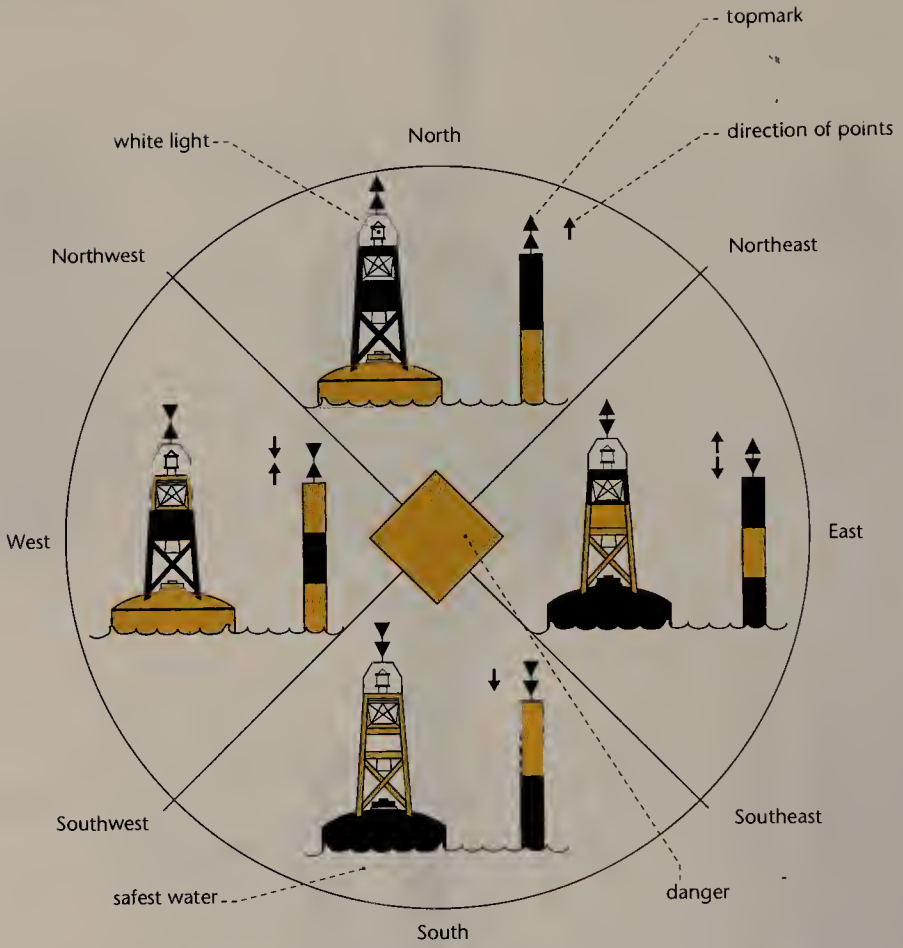
CYLINDRICAL BUOY



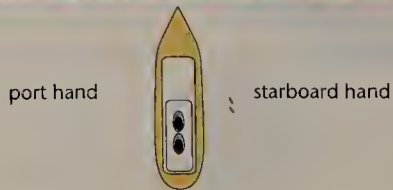
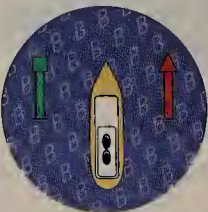
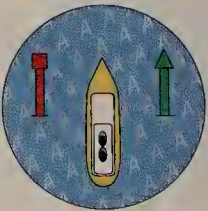


MARITIME BUOYAGE SYSTEM

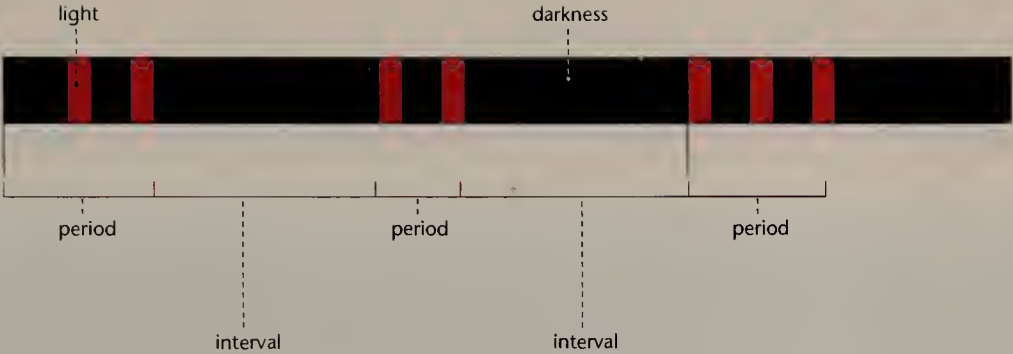
CARDINAL MARKS



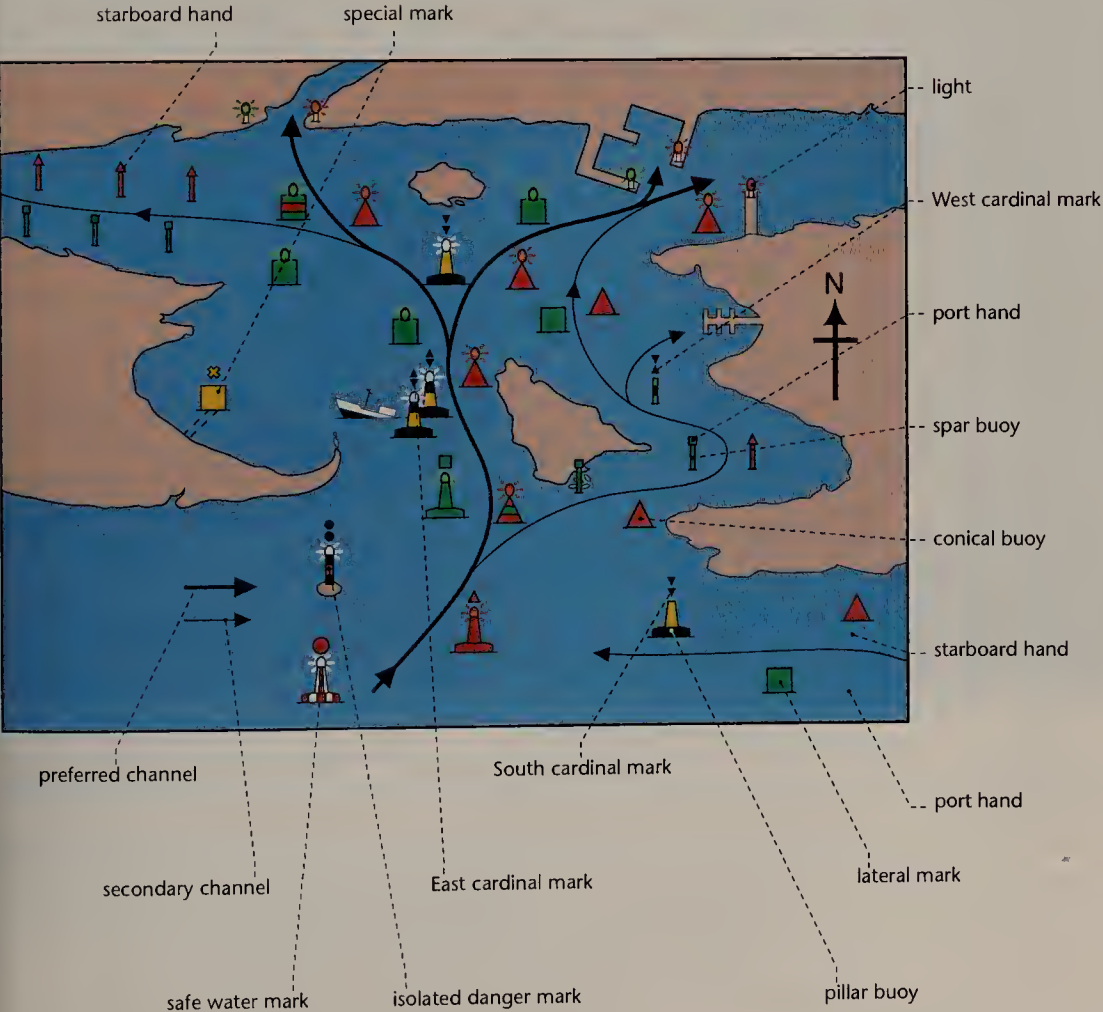
BUOYAGE REGIONS



RHYTHM OF MARKS BY NIGHT



DAYMARKS (REGION B)



HARBOR



gate

transit shed

dry dock

quayside crane

quay

bulk terminal

canal lock

floating crane

container-loading bridge

silos

dock

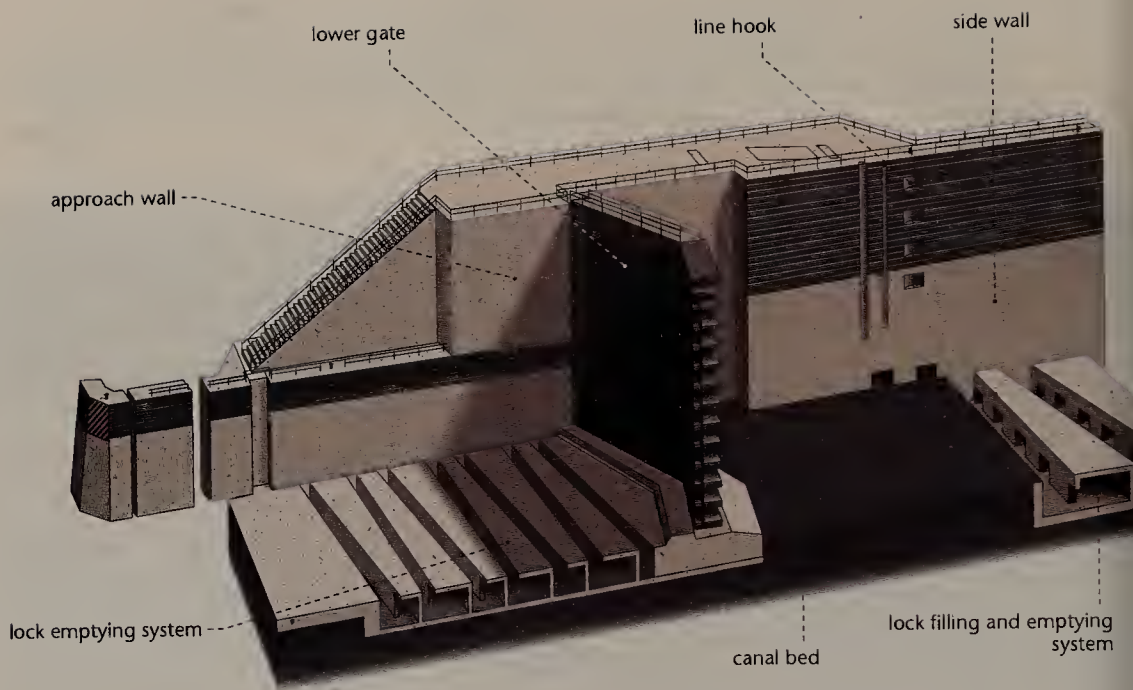
quay ramp

grain terminal

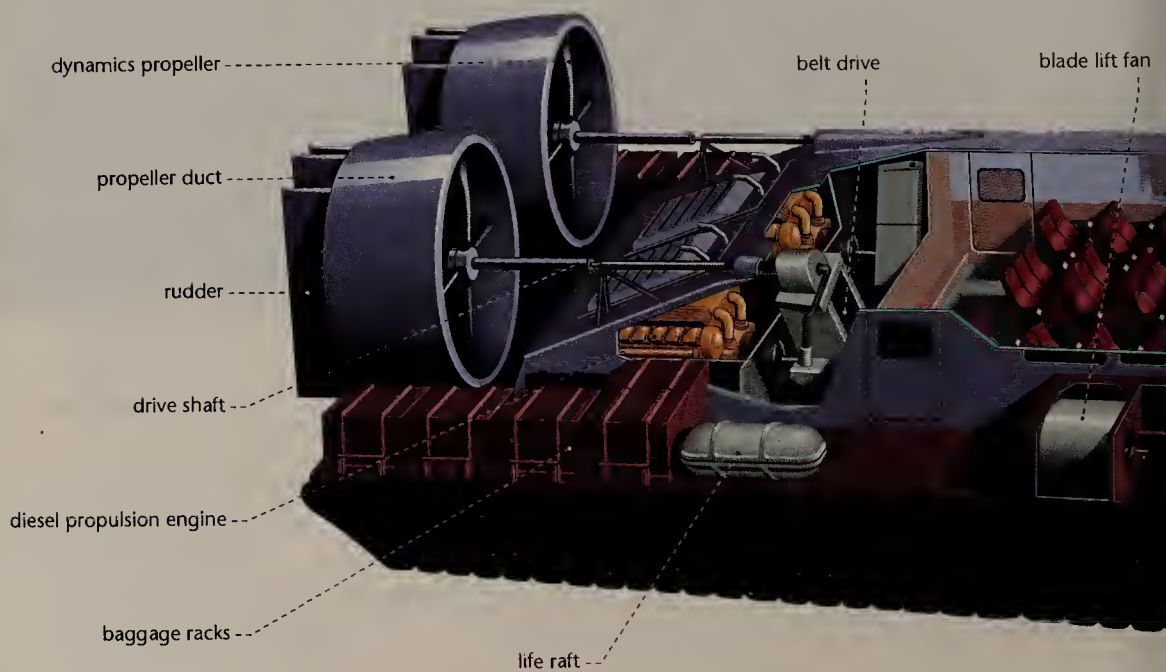
container ship

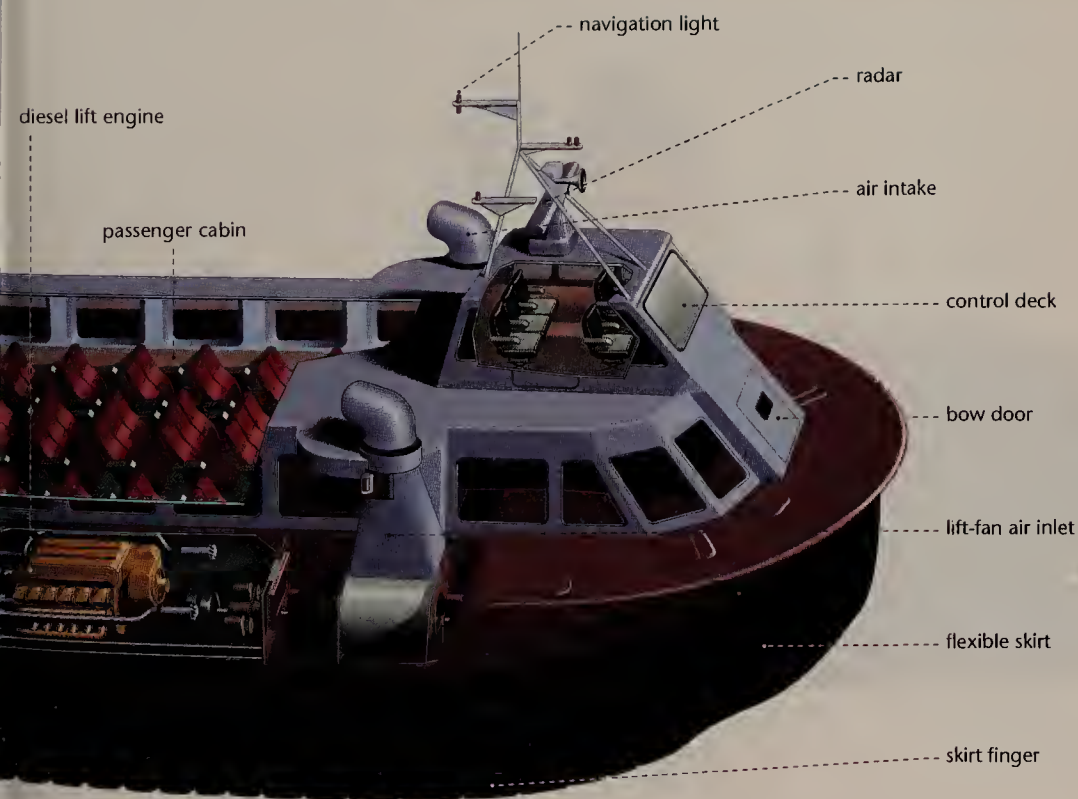
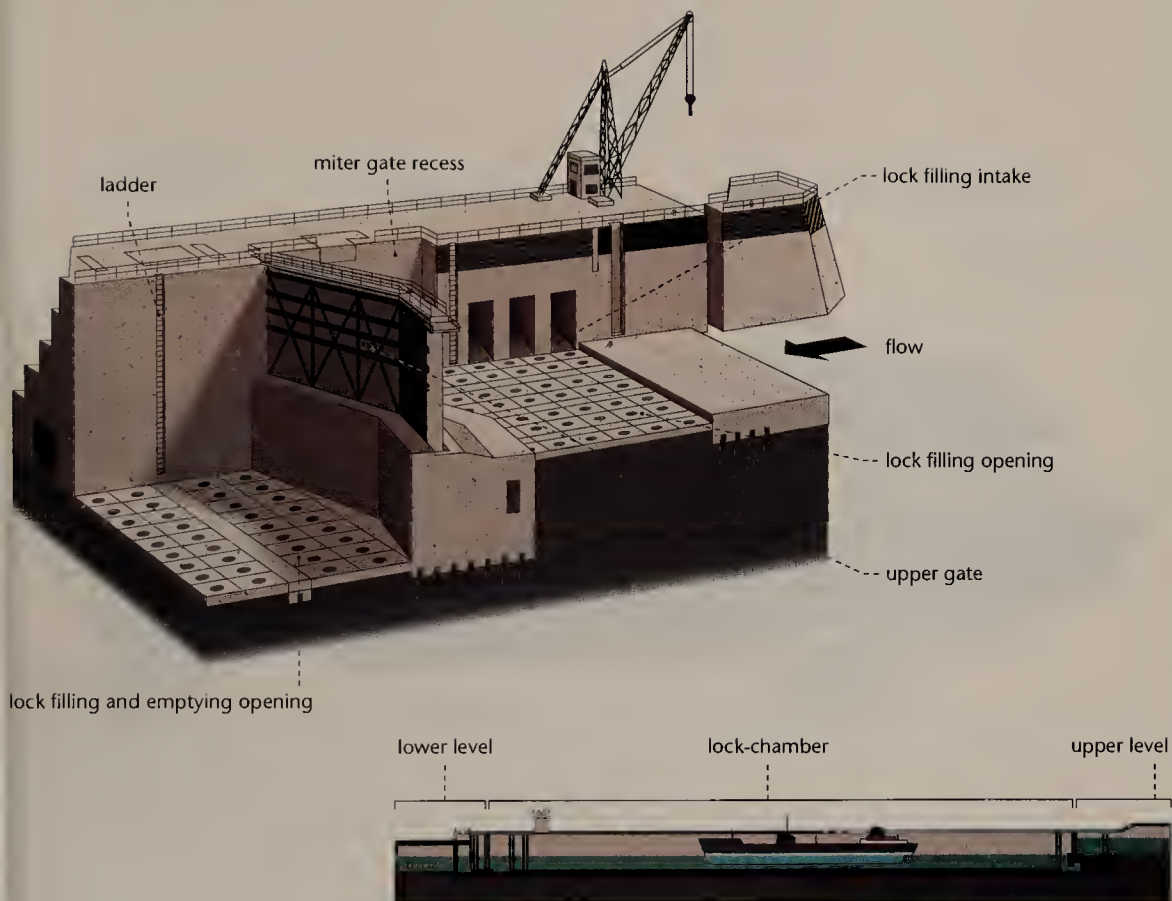


CANAL LOCK

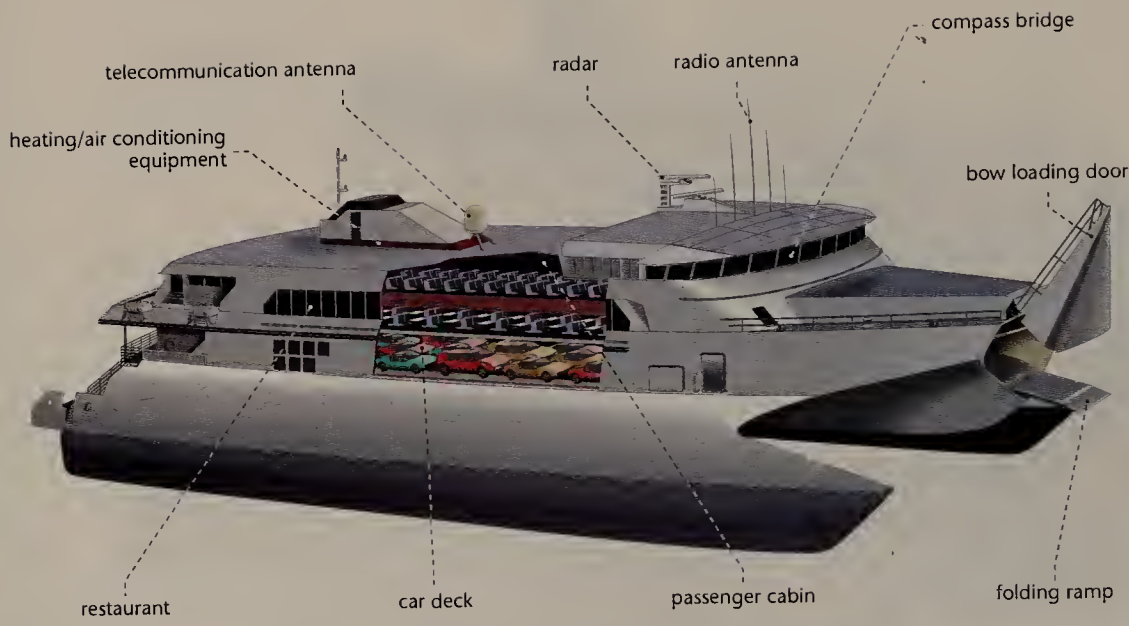


HOVERCRAFT

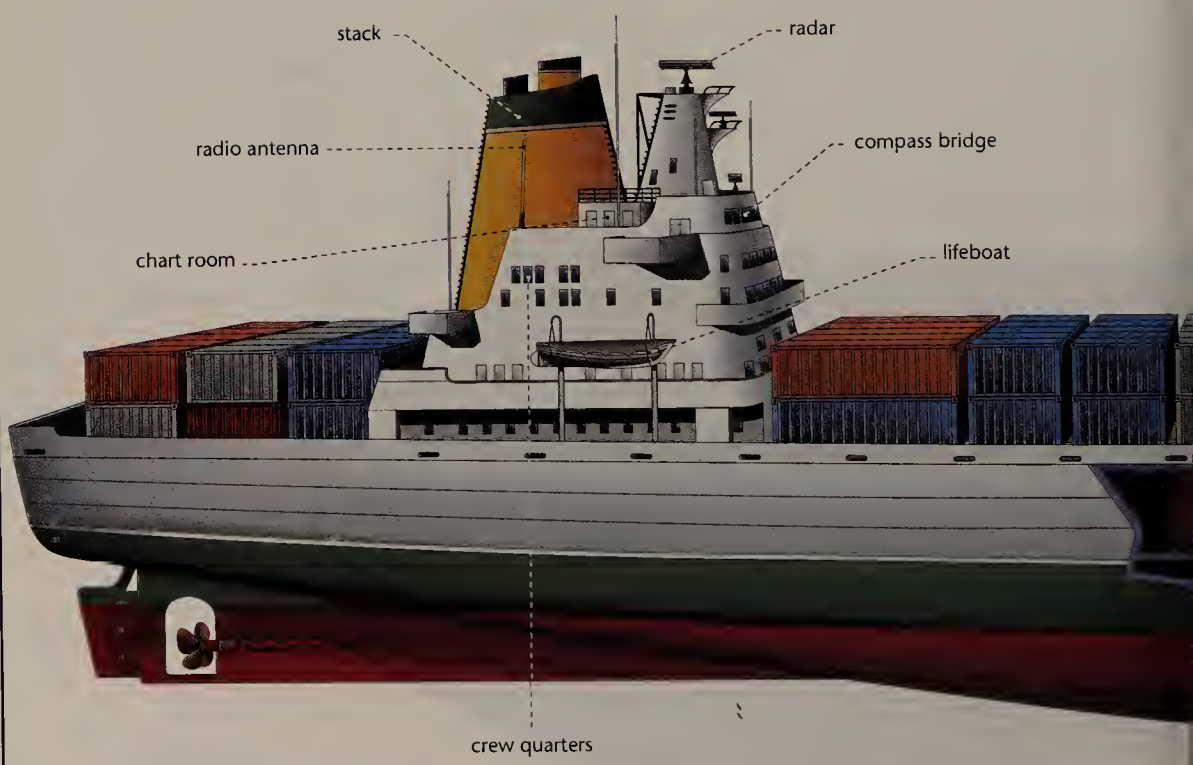




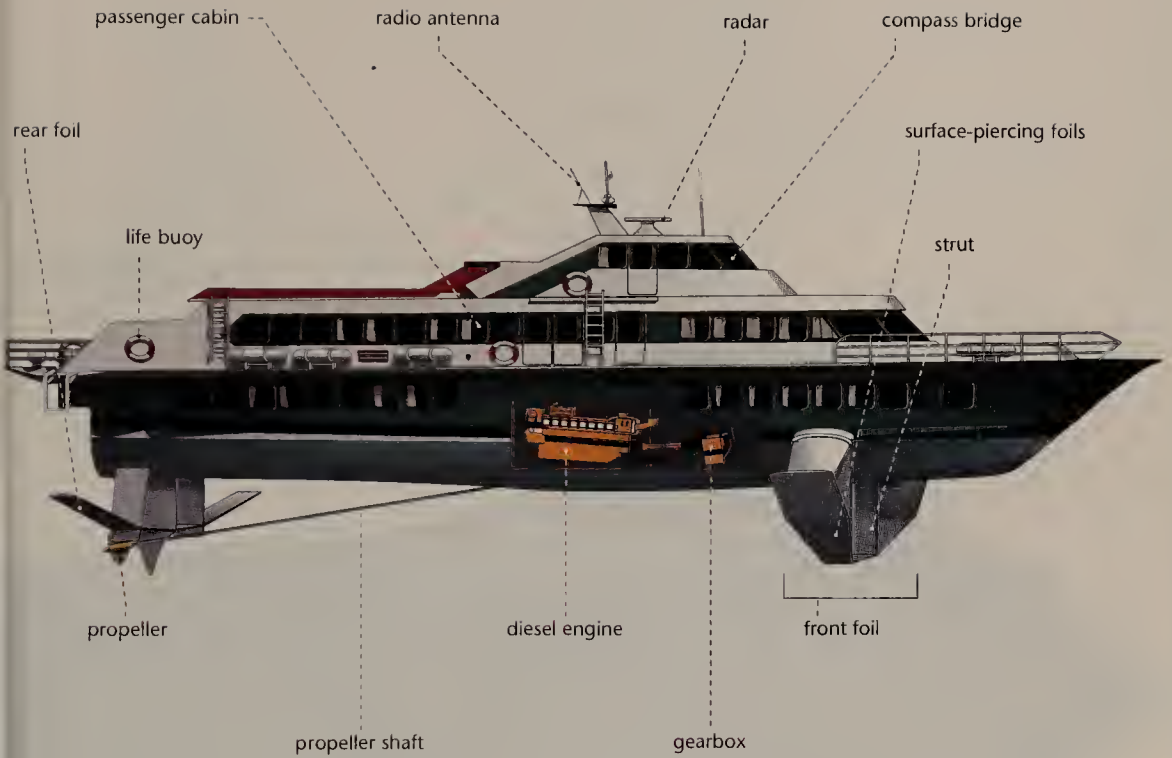
FERRY



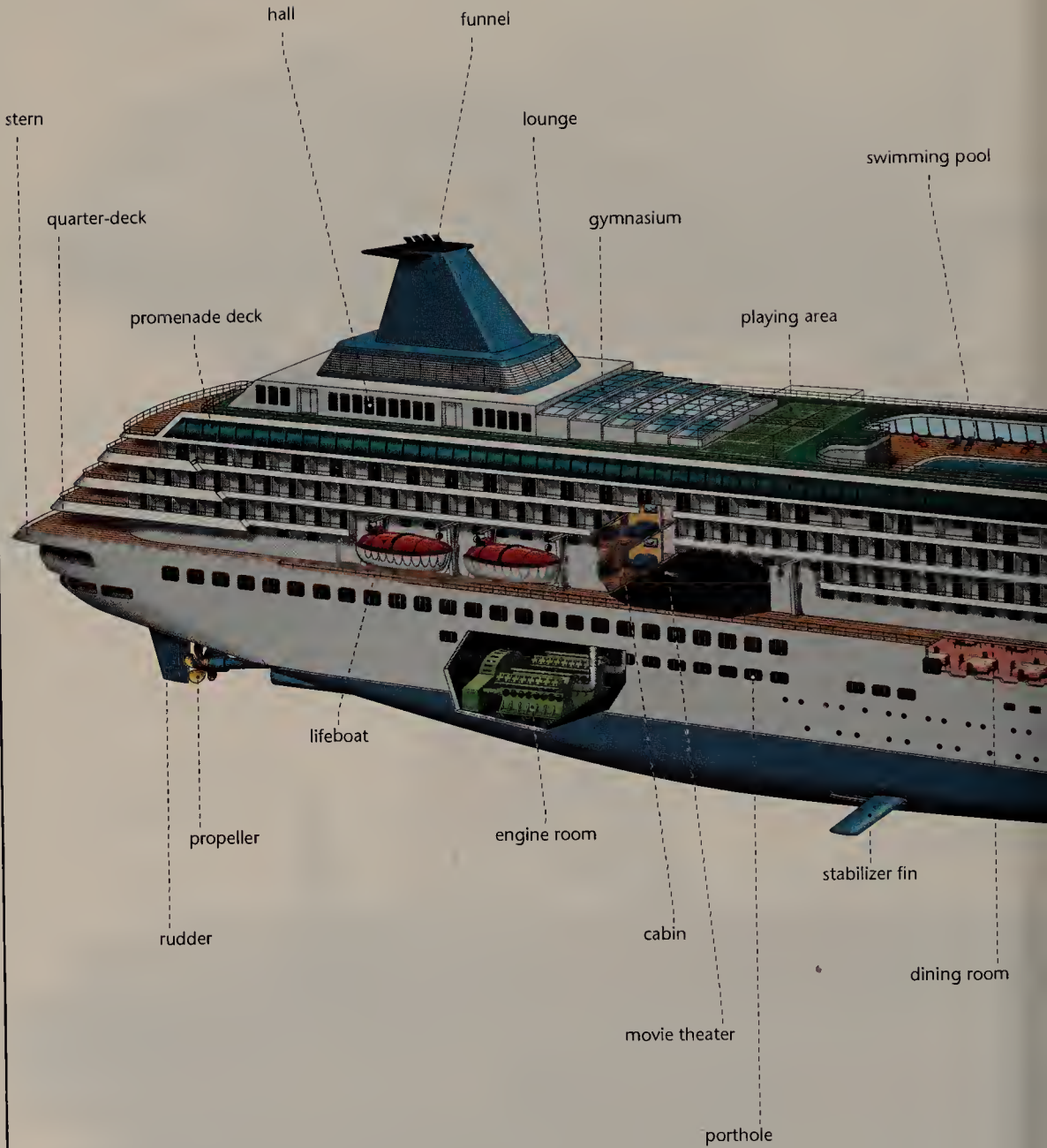
CONTAINER SHIP

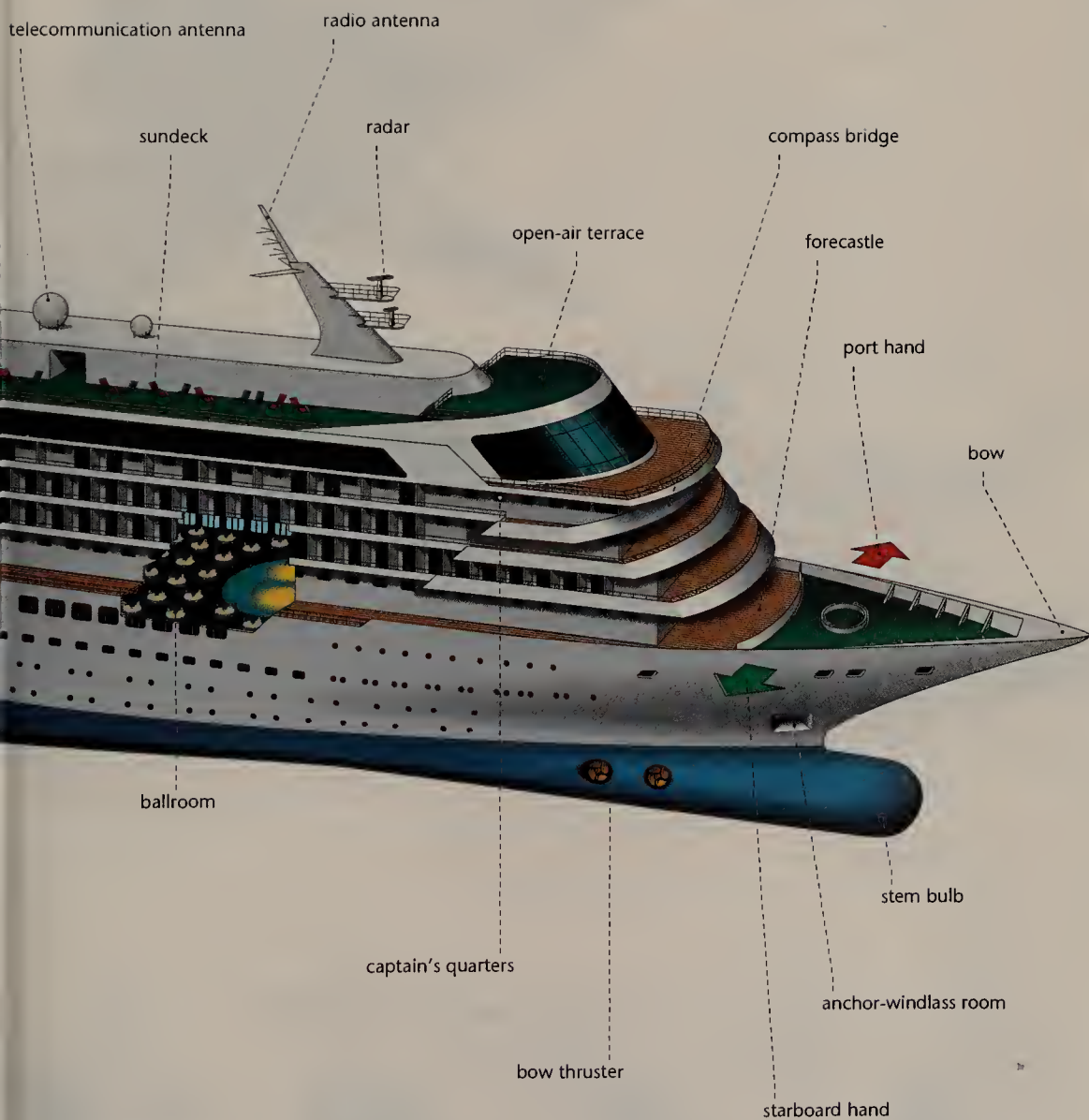


HYDROFOIL BOAT

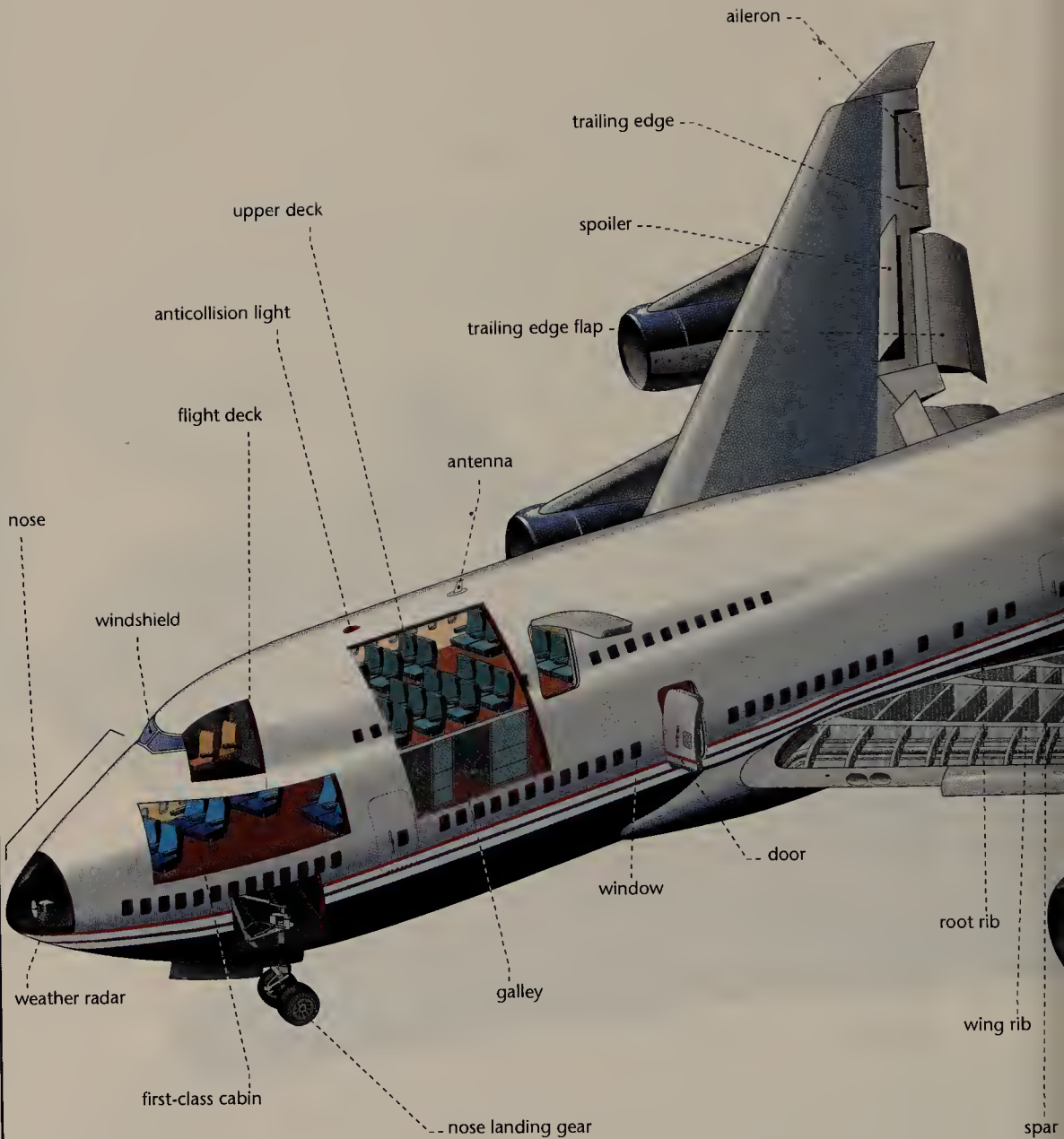


PASSENGER LINER





LONG-RANGE JET



TYPES OF TAIL SHAPES



fuselage mounted tail unit



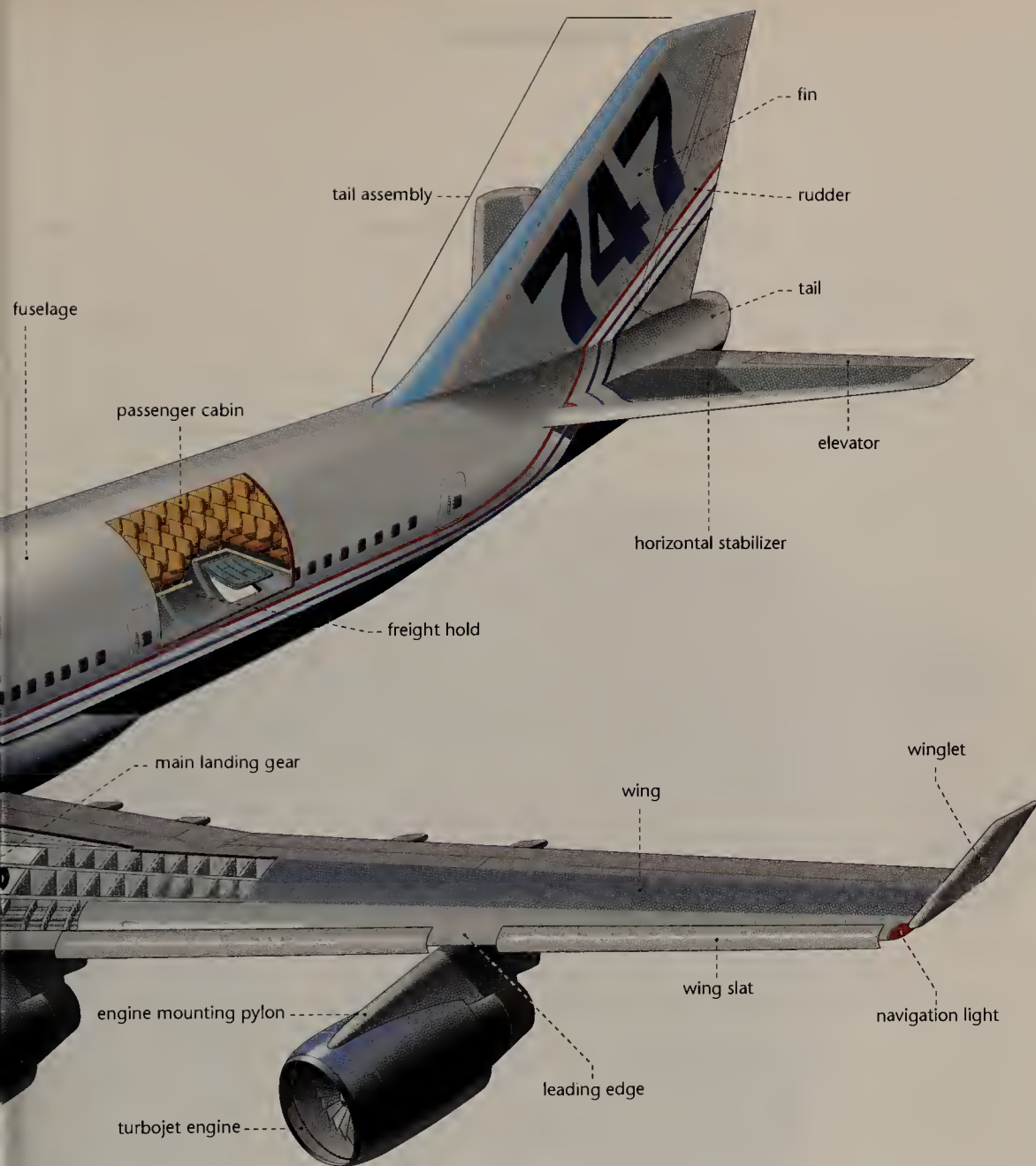
fin-mounted tail unit



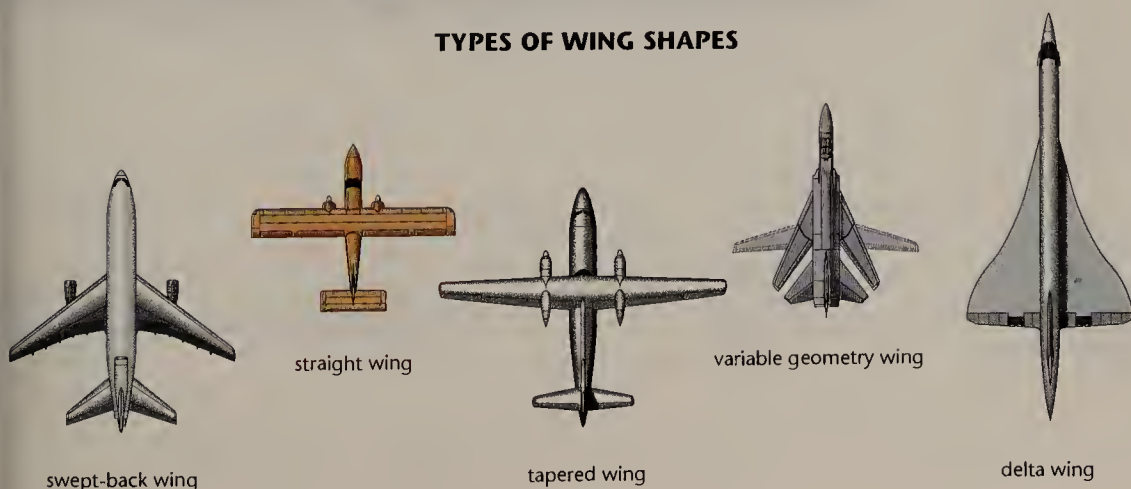
triple tail unit



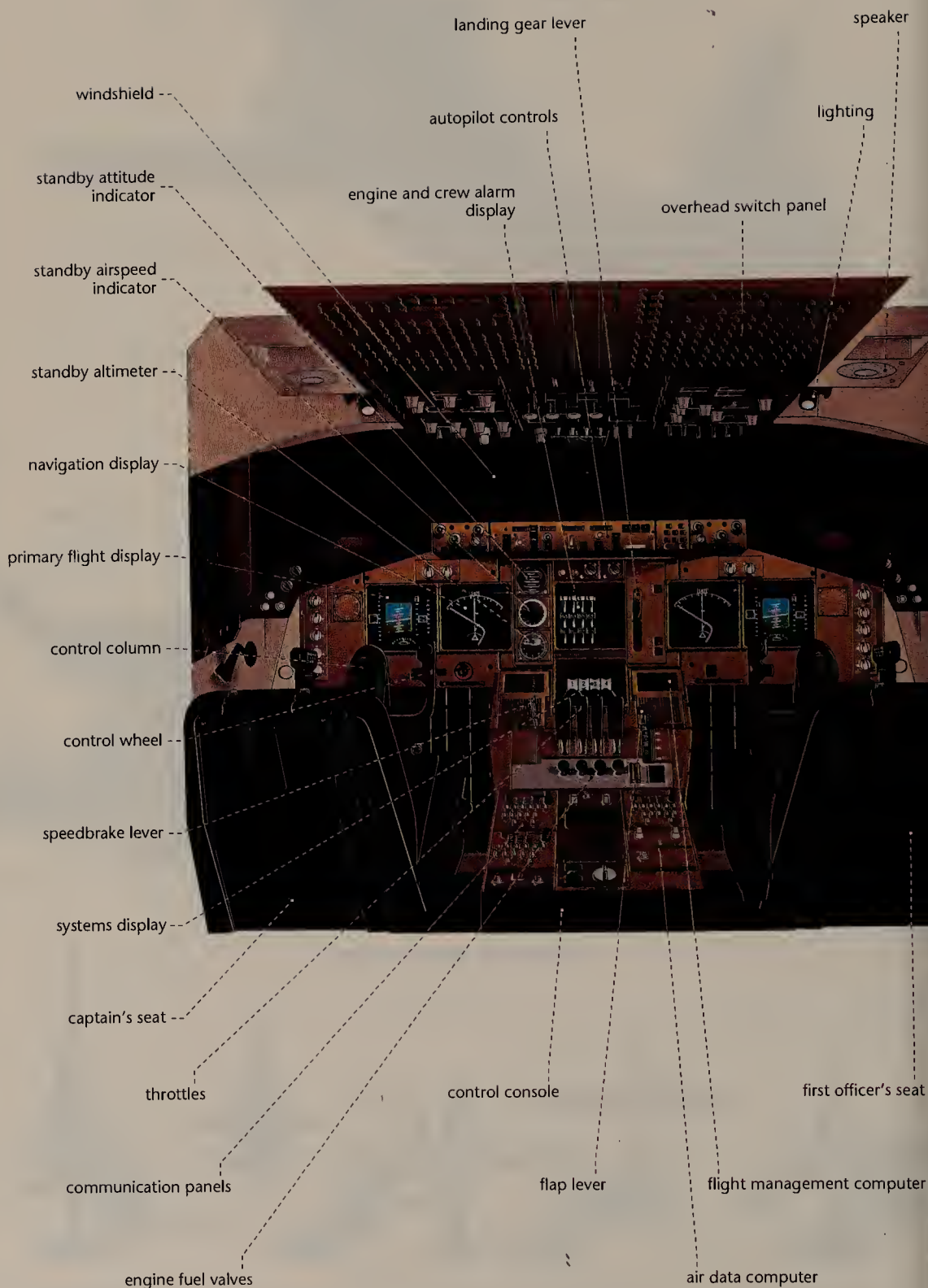
T-tail unit



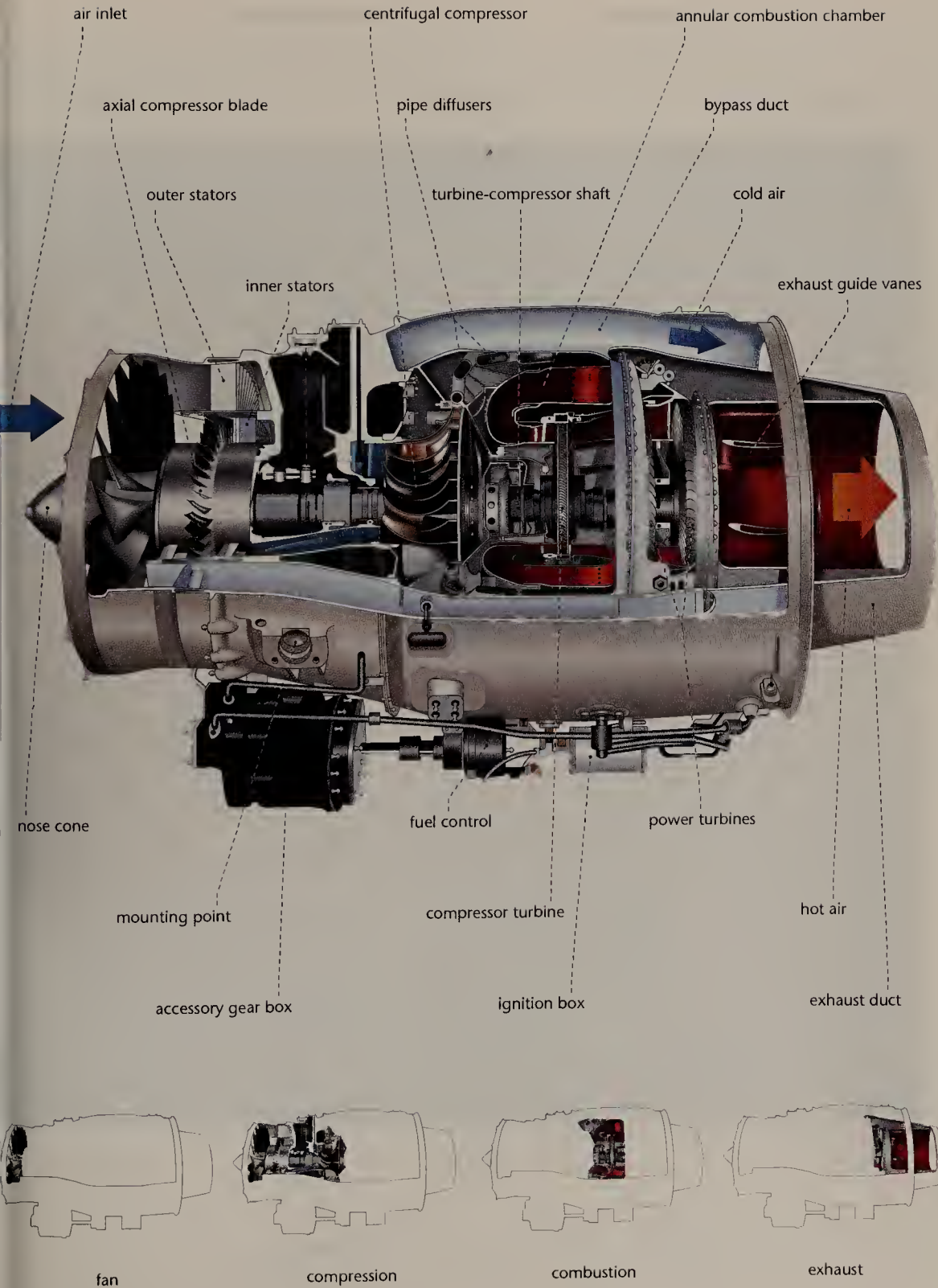
TYPES OF WING SHAPES



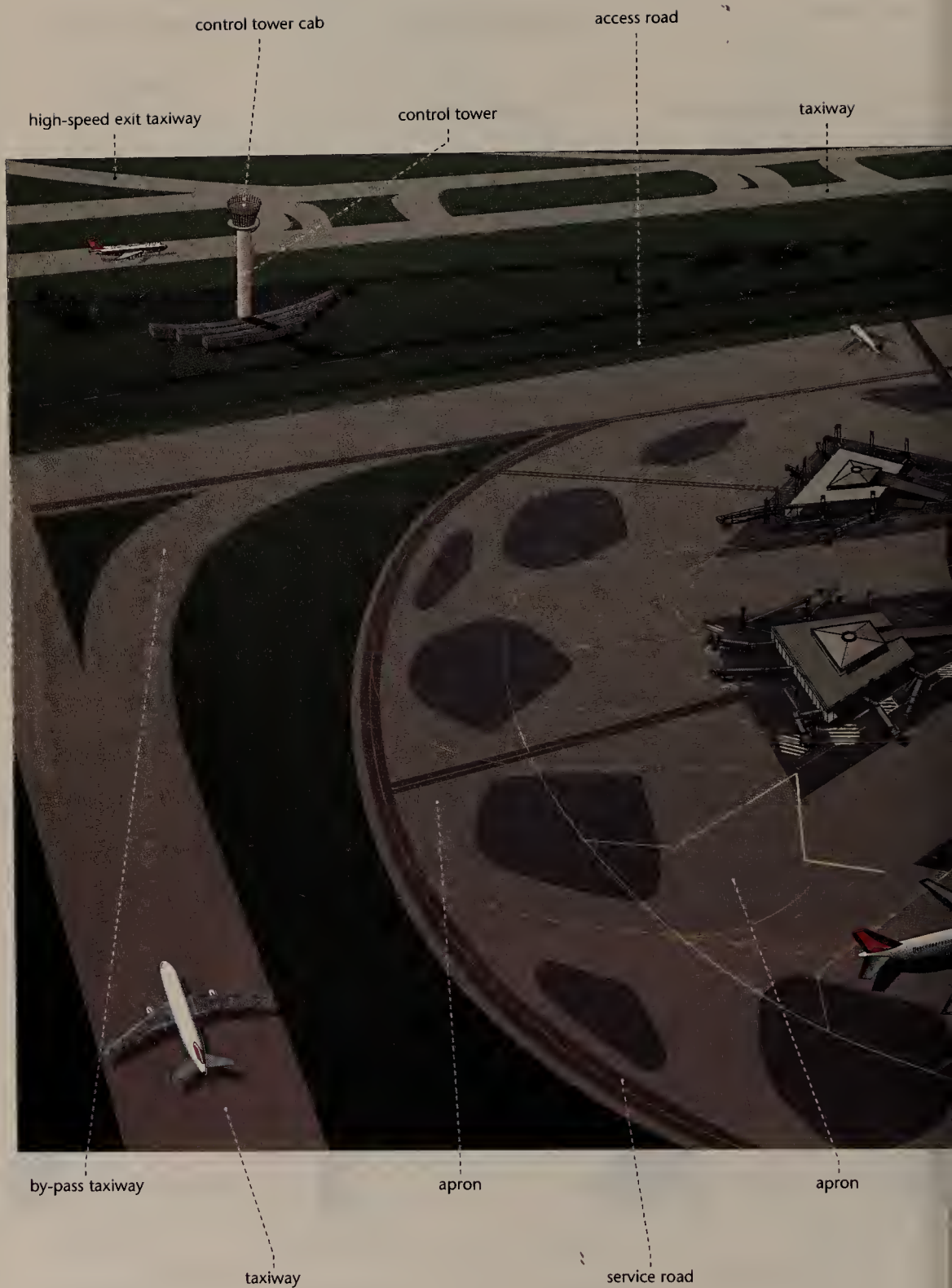
FLIGHT DECK

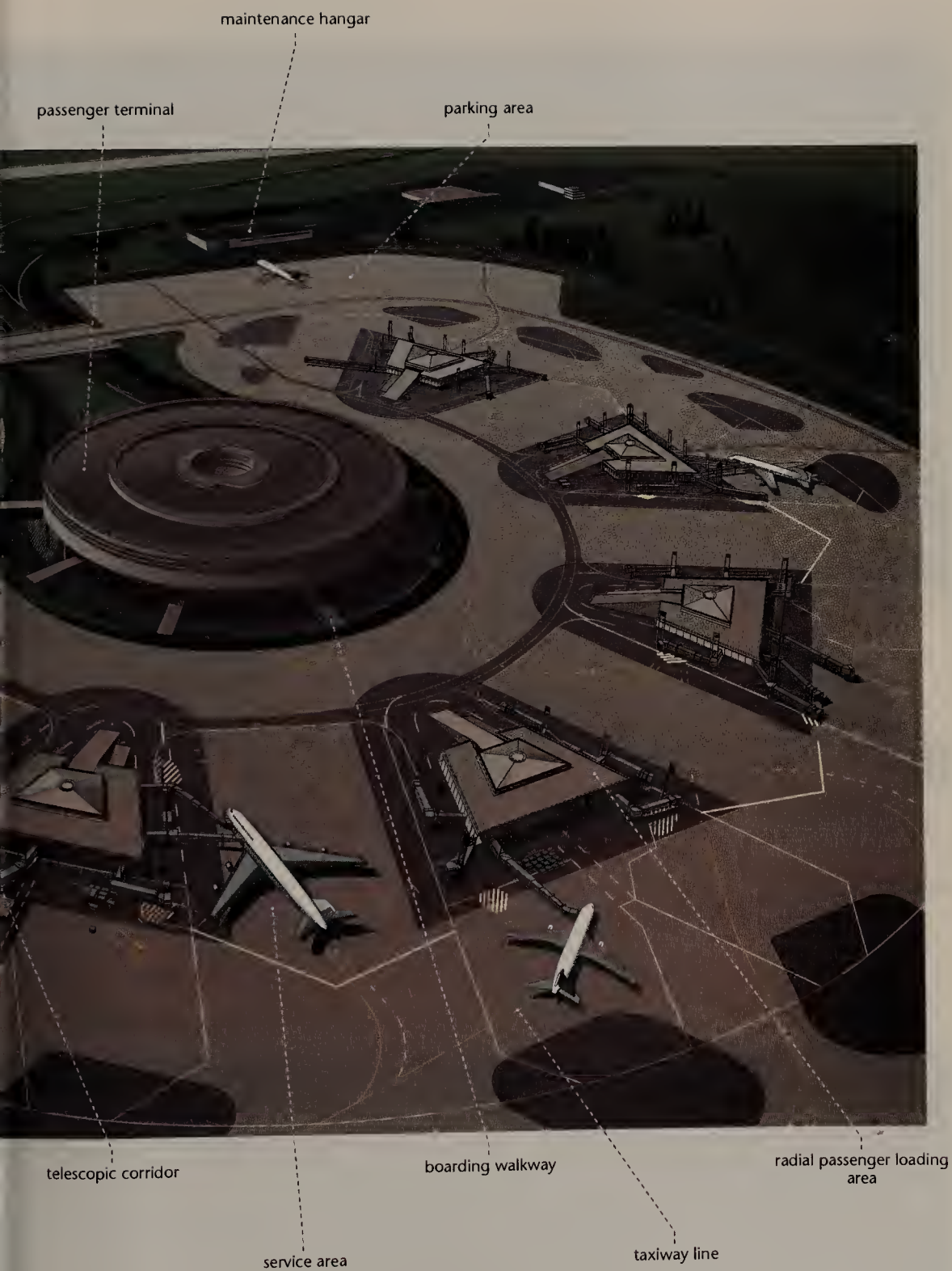


TURBOFAN ENGINE



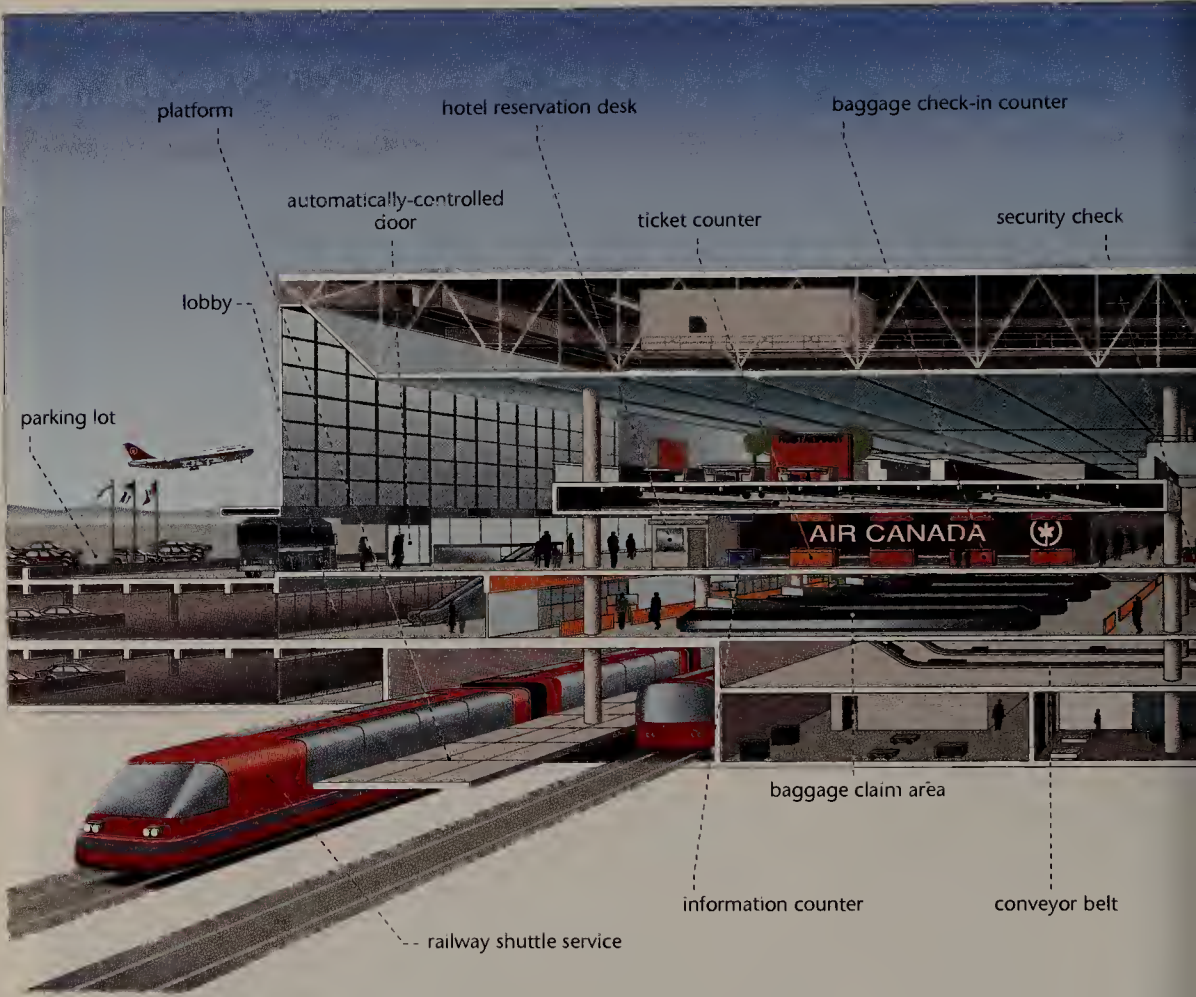
AIRPORT



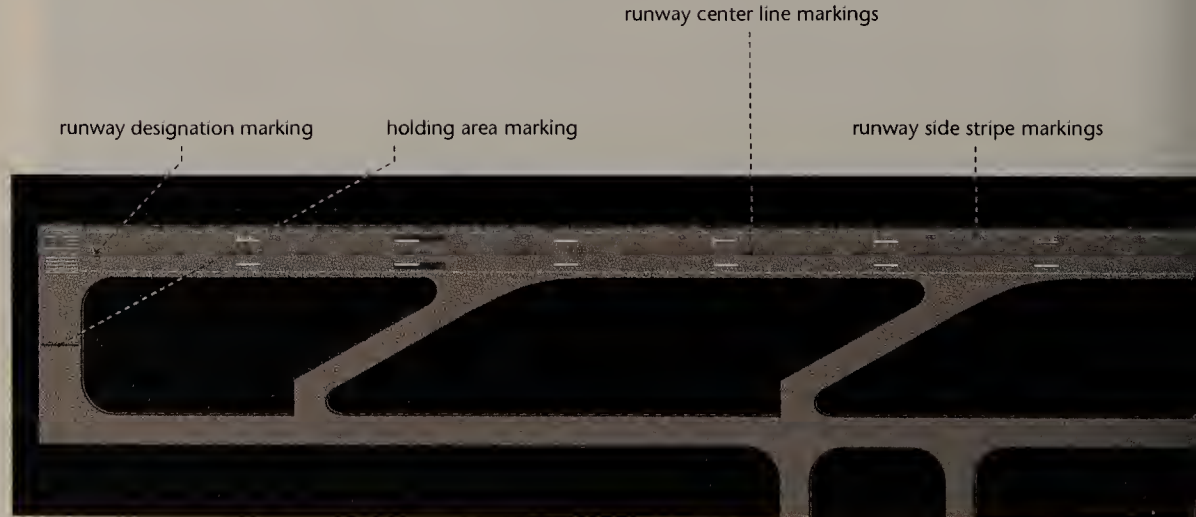


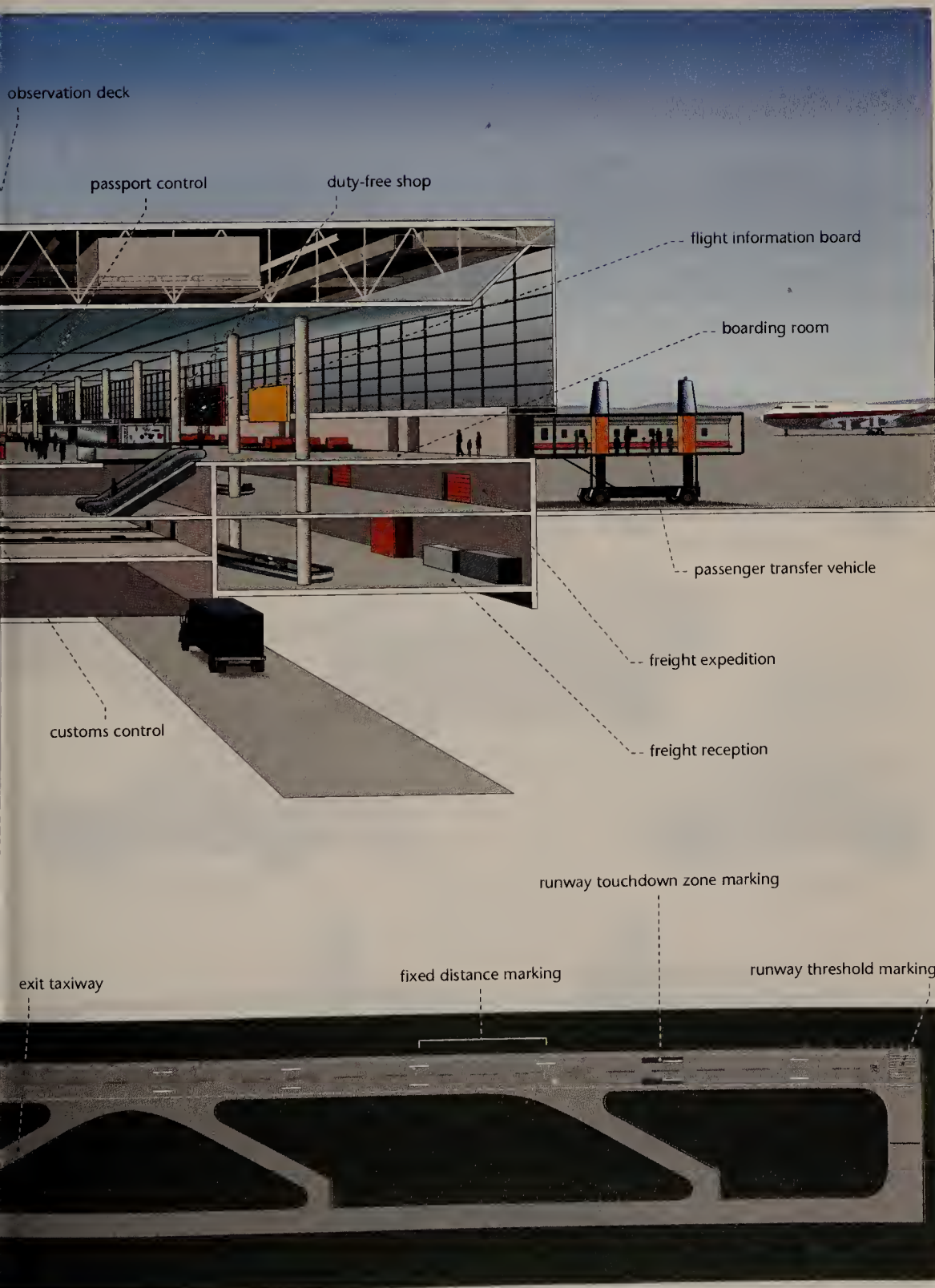
AIRPORT

PASSENGER TERMINAL



RUNWAY





GROUND AIRPORT EQUIPMENT



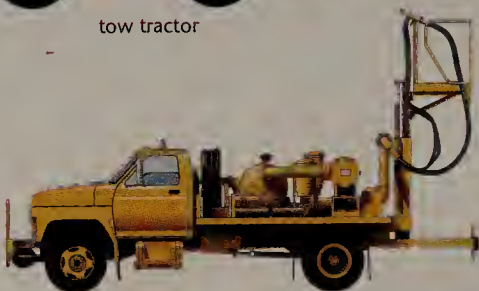
tow bar



tow tractor



air start unit



jet refueler



electrical power unit



ground air conditioner



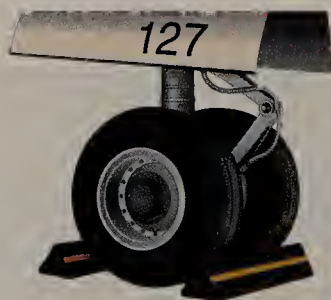
lavatory truck



aircraft maintenance truck



potable water truck



wheel chock



boom truck



tripod tail support



baggage trailer



tow tractor



baggage conveyor



container/pallet loader



catering vehicle



mobile passenger stairs

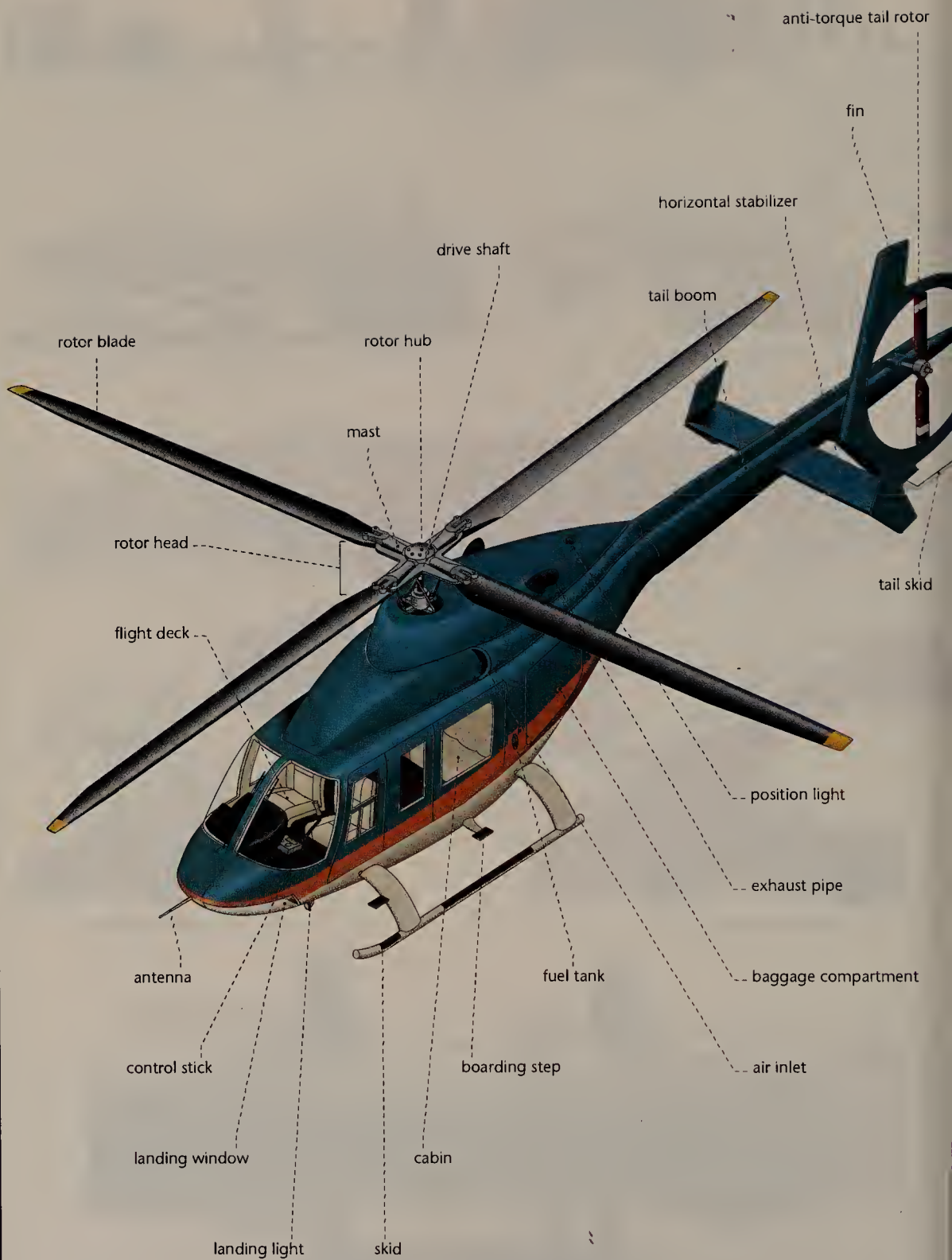


universal step

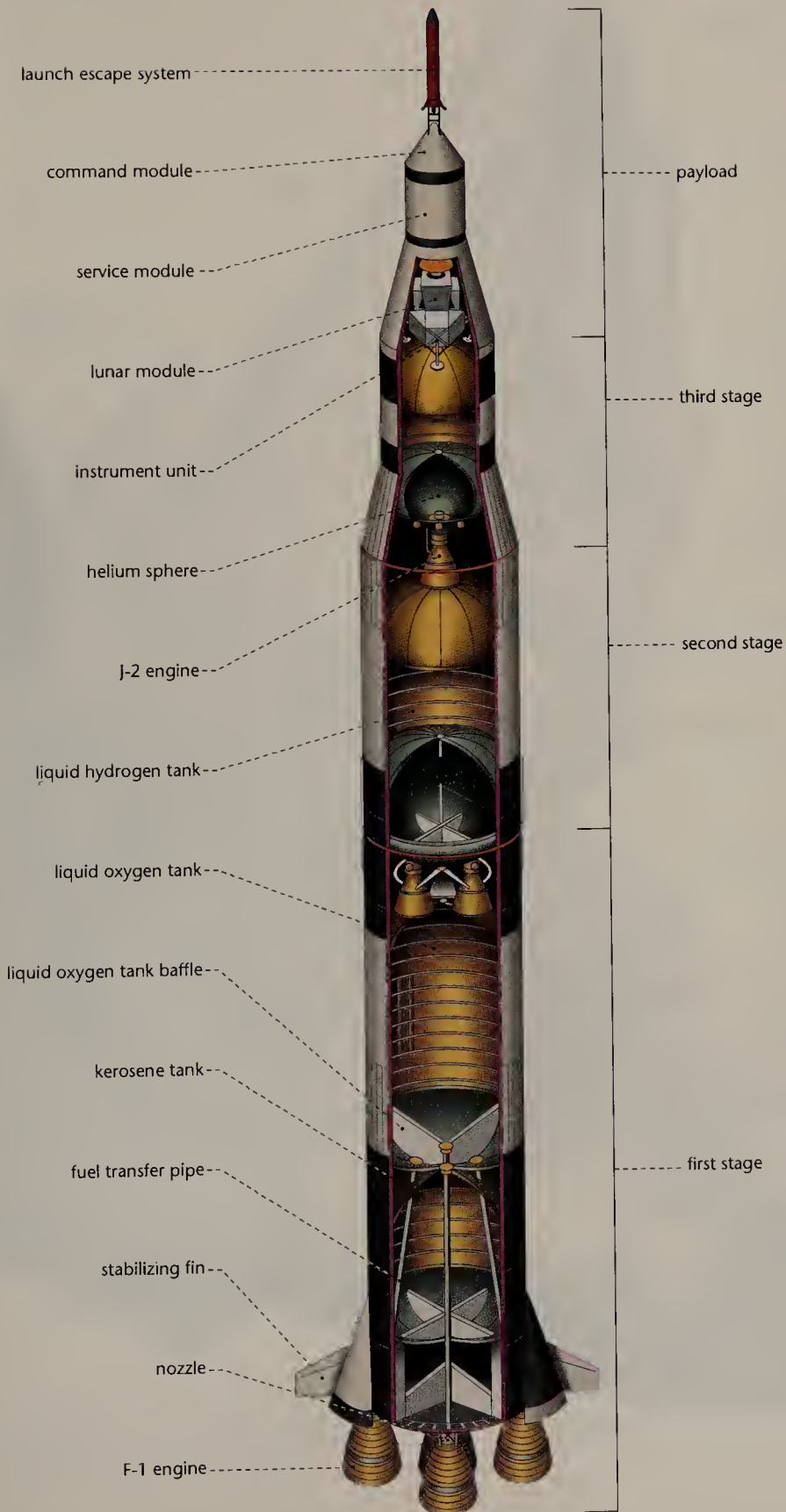


passenger transfer vehicle

HELICOPTER

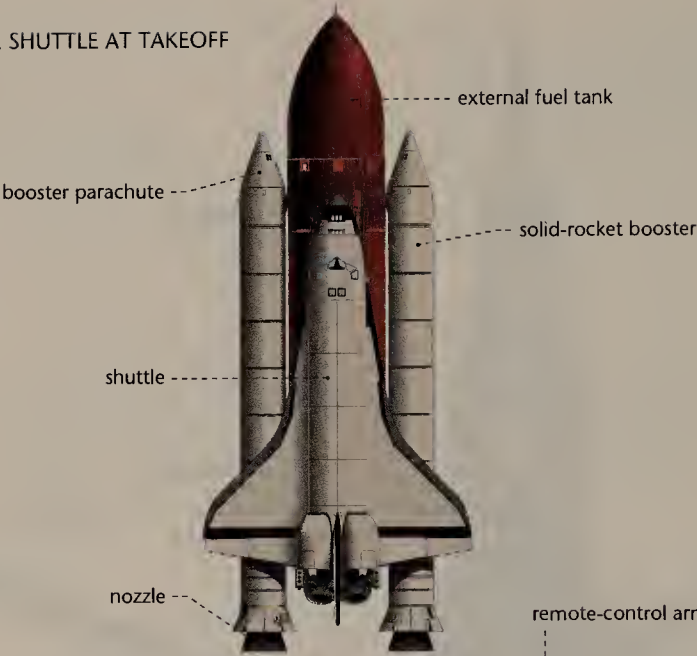


ROCKET

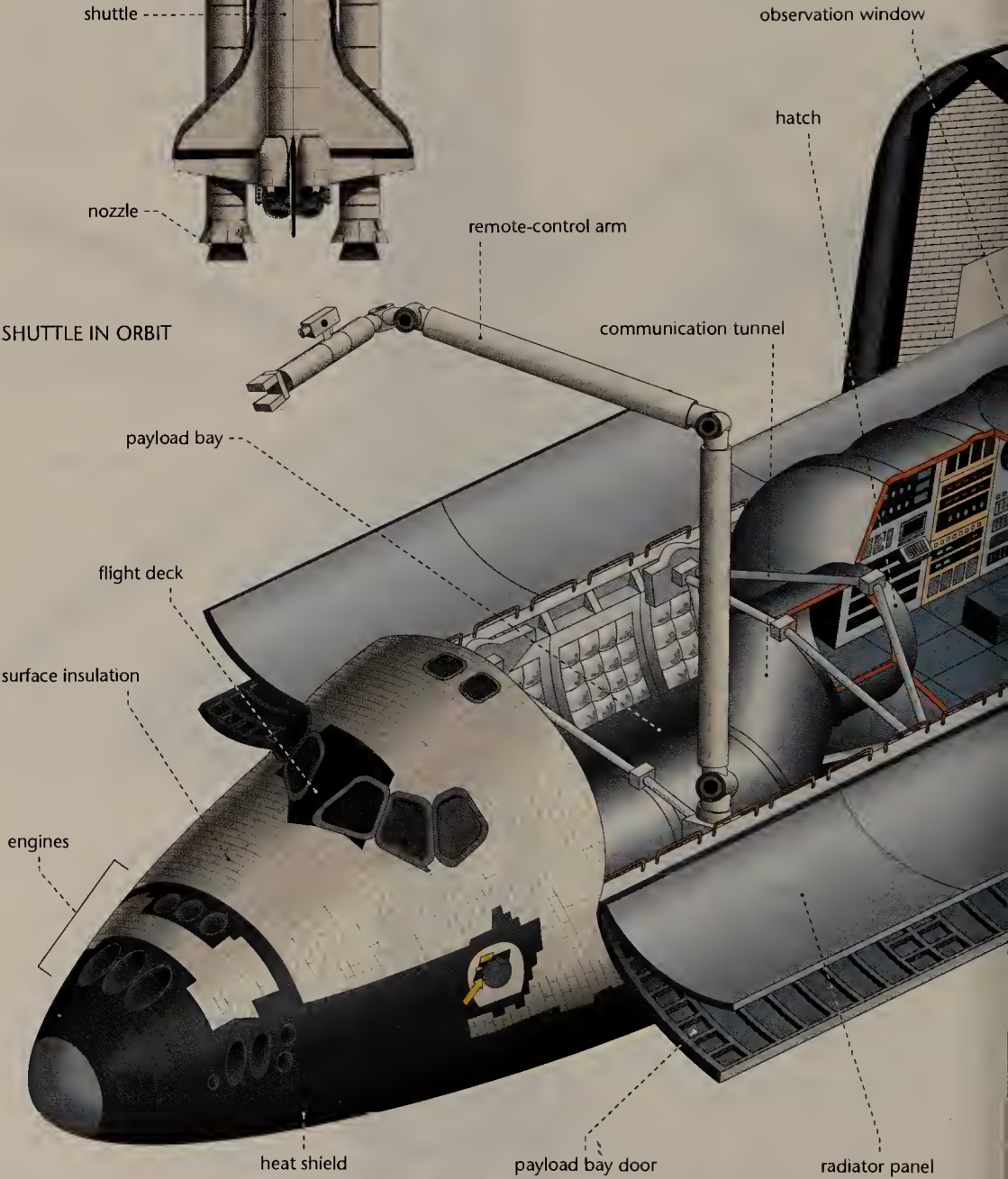


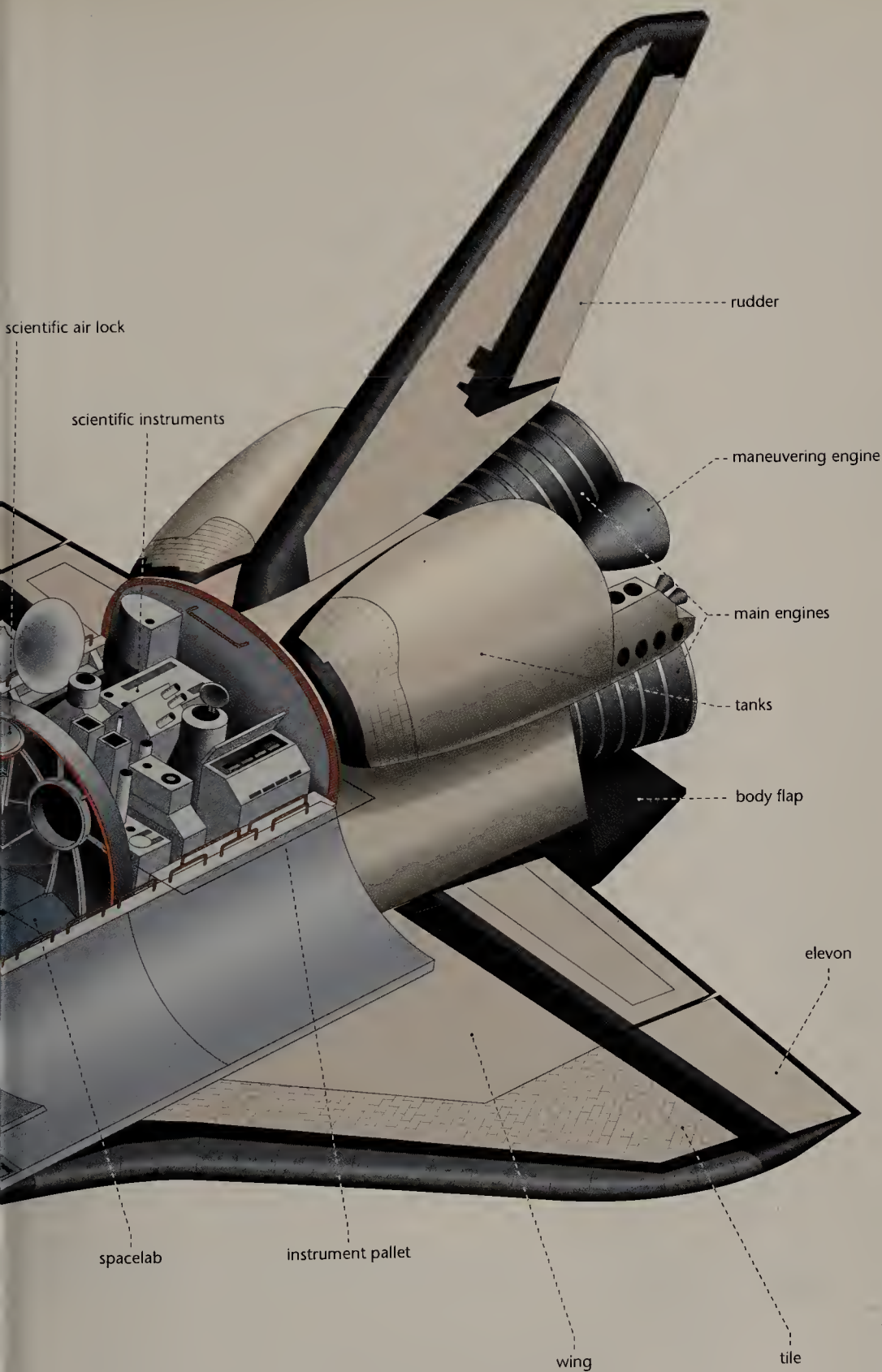
SPACE SHUTTLE

SPACE SHUTTLE AT TAKEOFF



SPACE SHUTTLE IN ORBIT

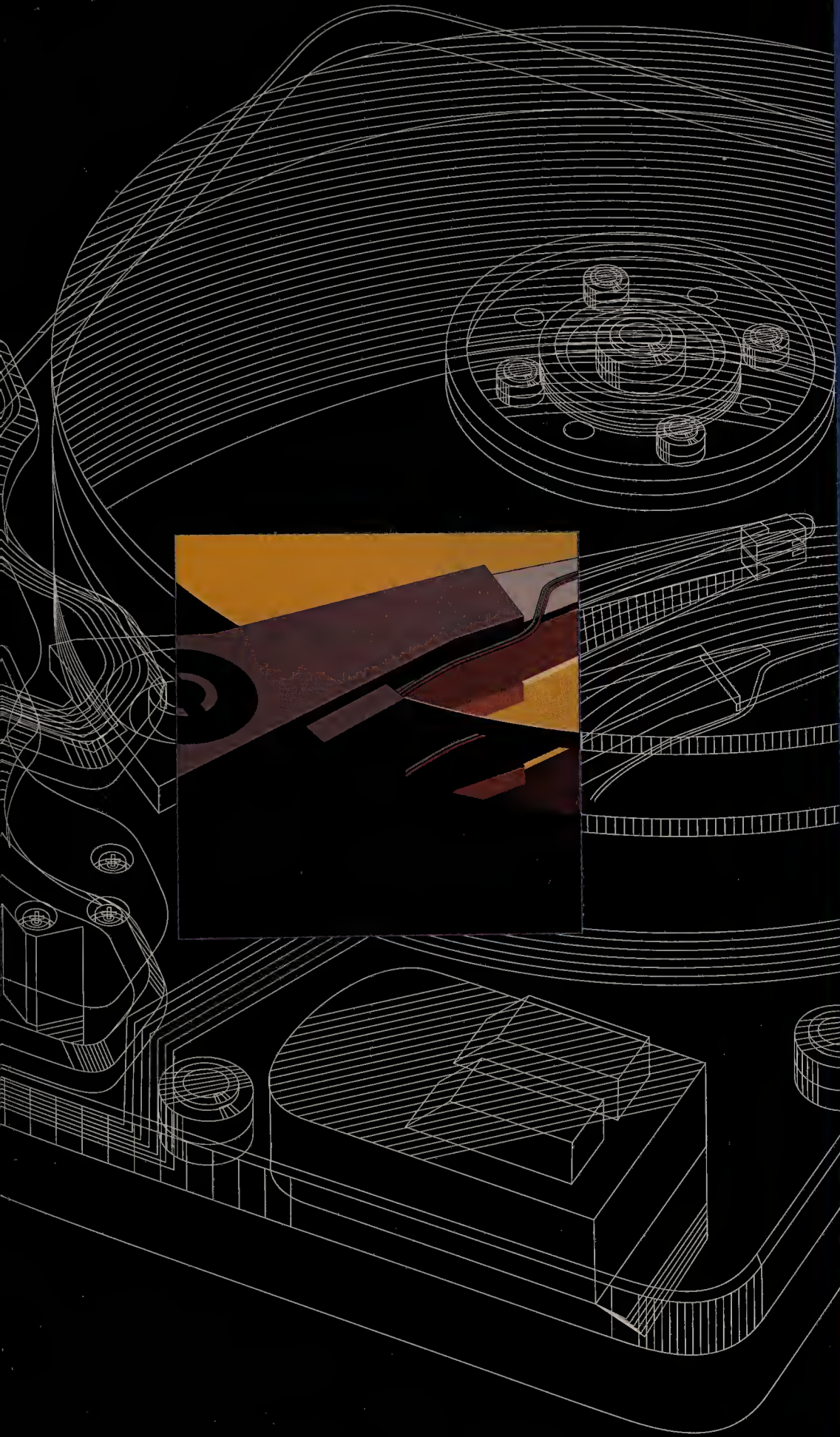




SPACESUIT



OFFICE SUPPLIES



CONTENTS

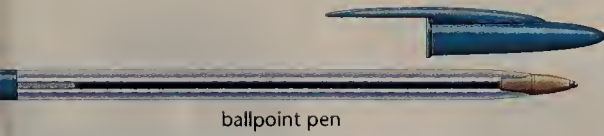
OFFICE SUPPLIES

STATIONERY	515
OFFICE FURNITURE	520
CALCULATOR.....	523
ELECTRONIC TYPEWRITER.....	524

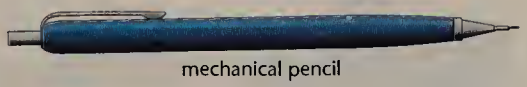
OFFICE AUTOMATION

CONFIGURATION OF AN OFFICE AUTOMATION SYSTEM	526
BASIC COMPONENTS.....	528
PHOTOCOPIER.....	532

STATIONERY



ballpoint pen



mechanical pencil



fountain pen



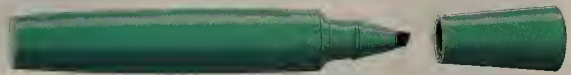
pencil



eraser holder



stick eraser



marker



glue stick



eraser



correction fluid



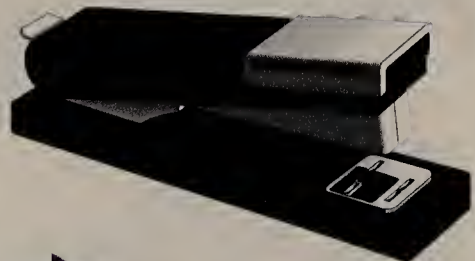
highlighter pen



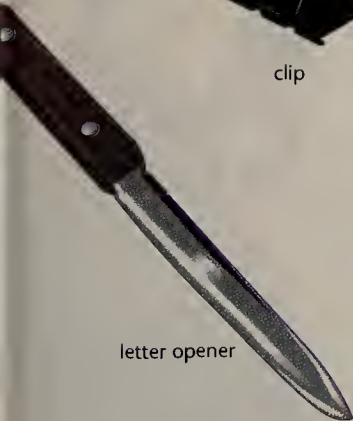
clip



paper clips



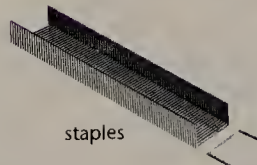
stapler



letter opener



paper fasteners



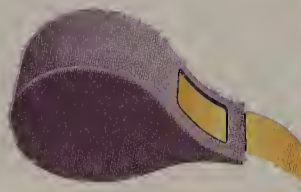
staples



thumb tacks



pencil sharpener

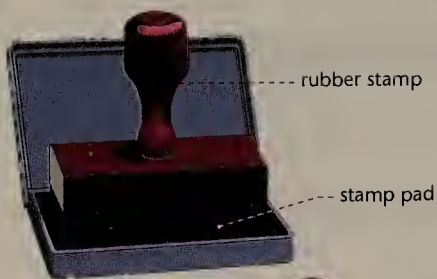


correction paper



staple remover

STATIONERY



rubber stamp

stamp pad

tape dispenser



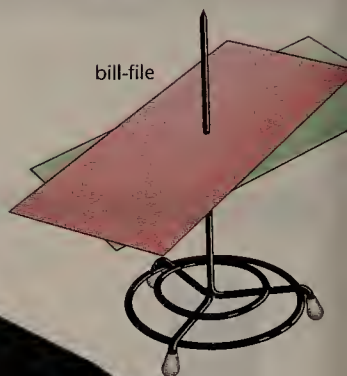
numbering machine



dater



stamp rack



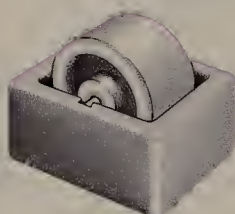
bill-file



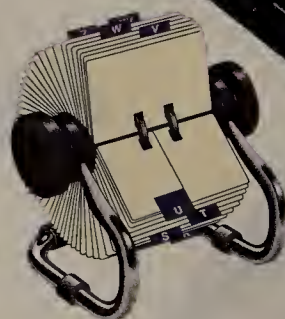
paper punch



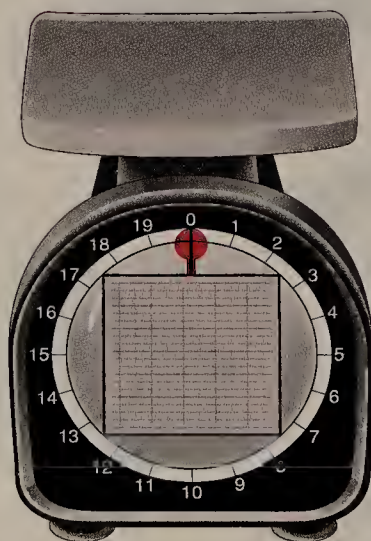
label maker



moistener



rotary file



letter scale

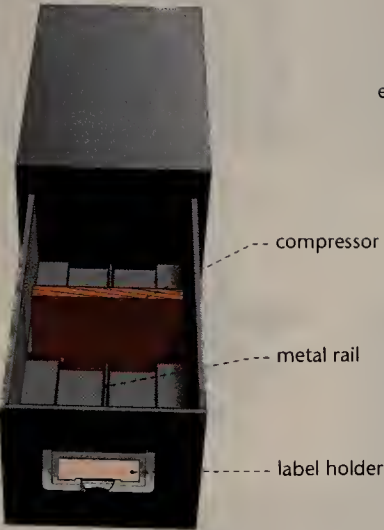


pencil sharpener

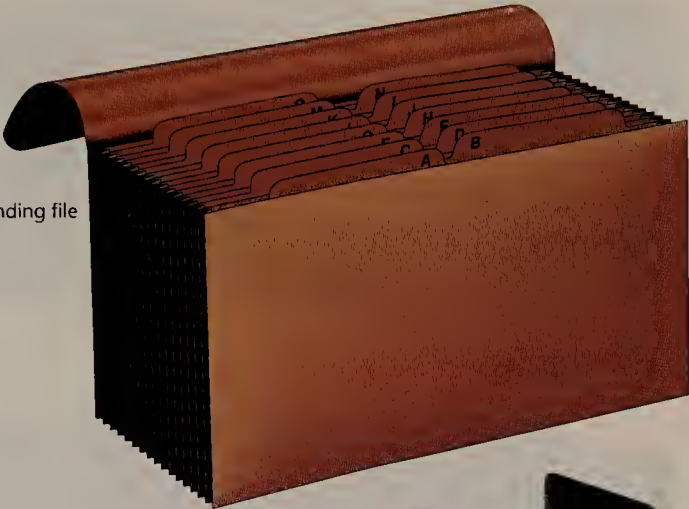


telephone index

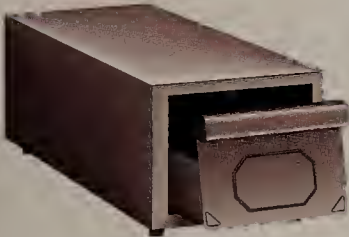
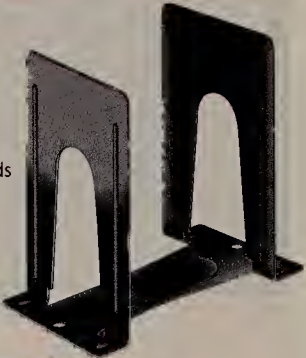
INDEX CARD DRAWER



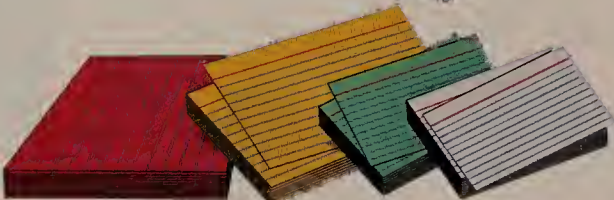
expanding file



book ends



index card cabinet

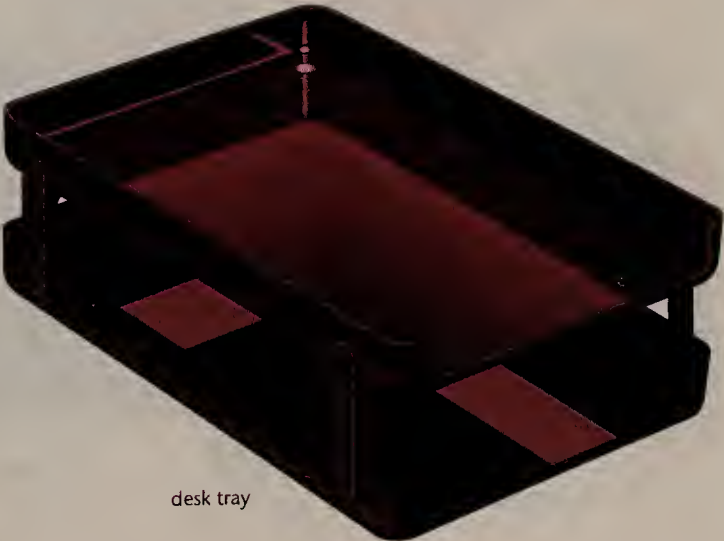


index cards

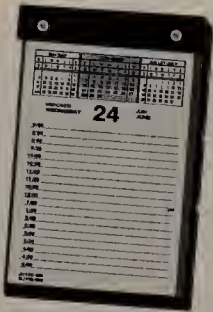
filing box



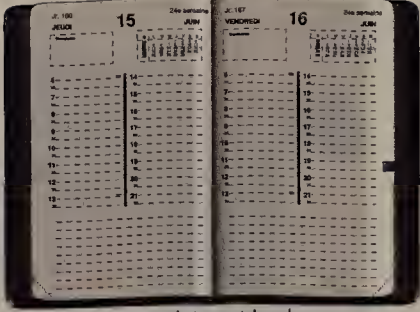
desk tray



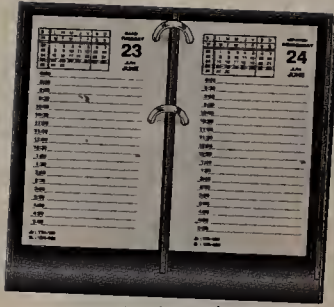
STATIONERY



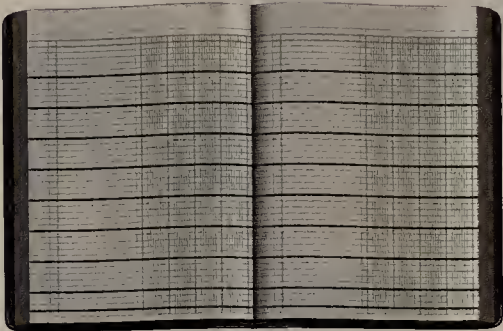
tear-off calendar



appointment book



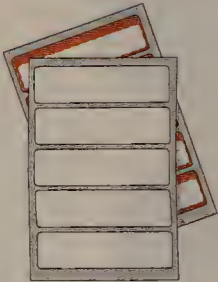
calendar pad



account book



memo pad



self-adhesive labels



tab



archboard



window tab



folder

file guides

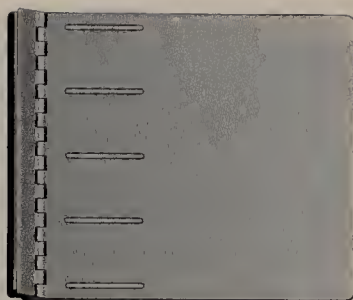
hanging file



clipboard



post binder



spring binder



document folder



ring binder

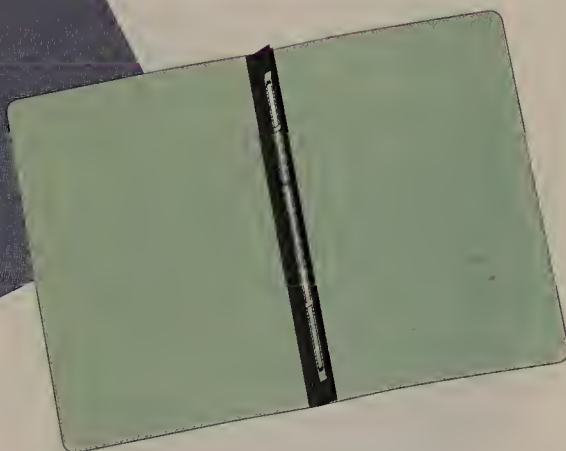


dividers



spiral binder

clamp binder



fastener binder



executive desk



swivel-tilter armchair



credenza



desk mat

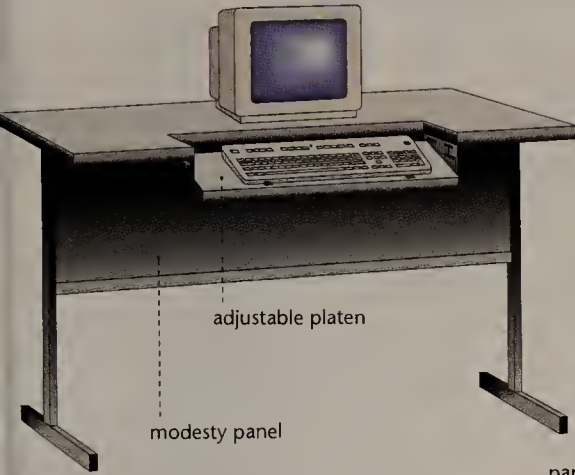
partition



lateral filing cabinet



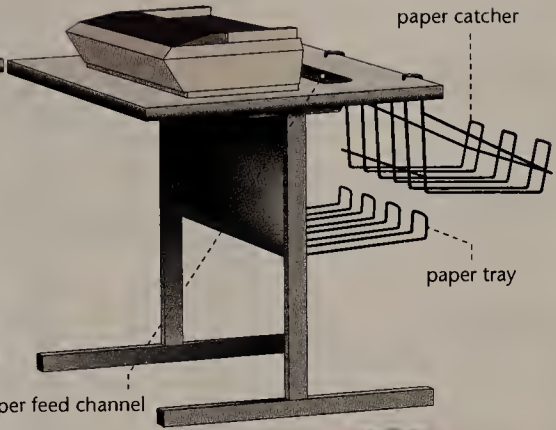
COMPUTER TABLE



adjustable platen

modesty panel

PRINTER TABLE



paper catcher

paper tray

paper feed channel



mobile filing unit



mobile drawer unit



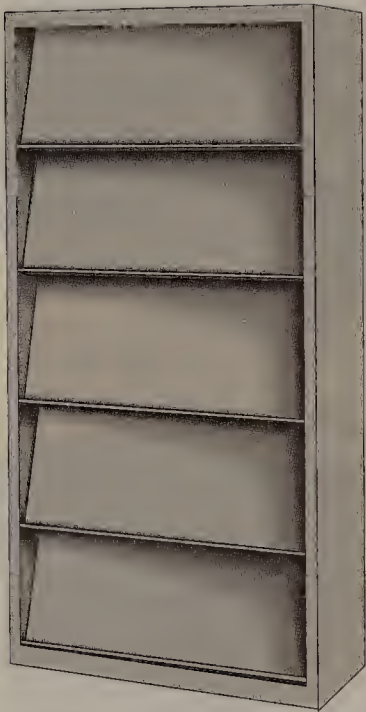
typist's chair



return

SECRETARIAL DESK

display cabinet

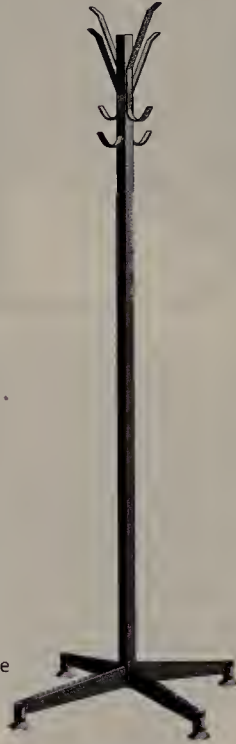


coat hook

stationery cabinet



coat tree



locker

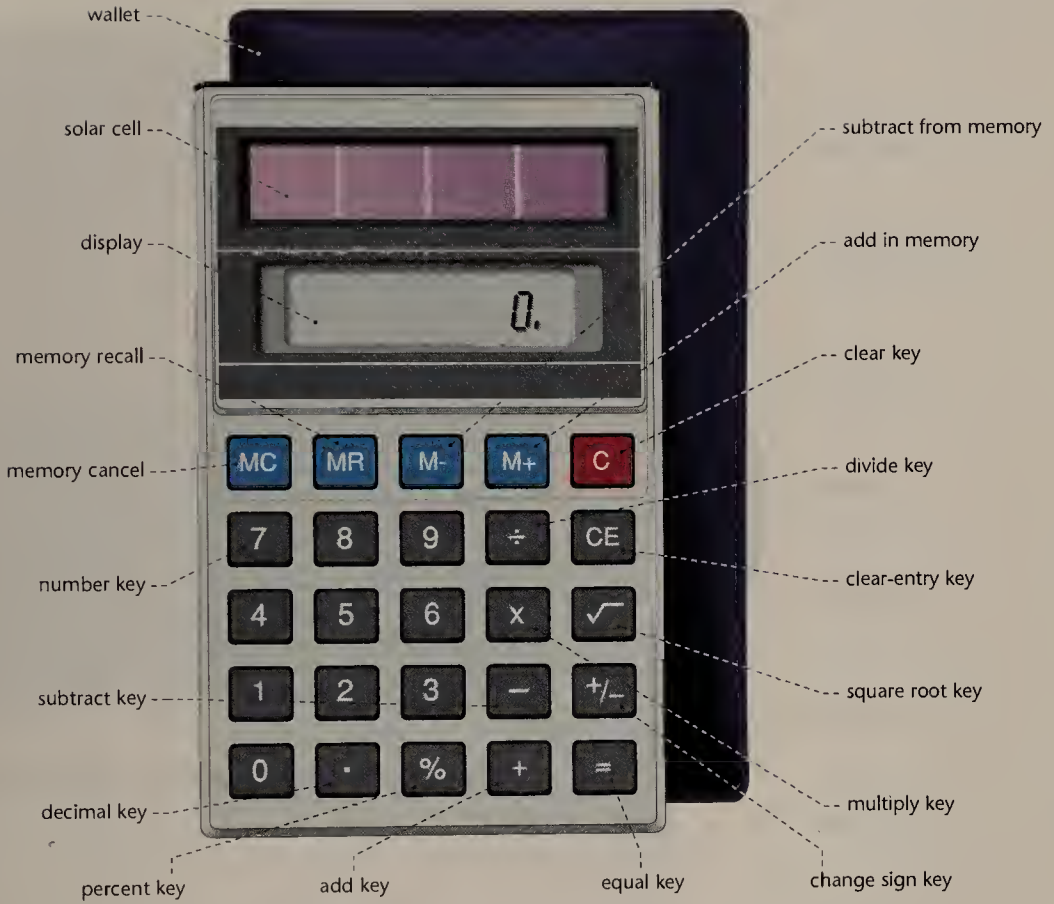


coat rack



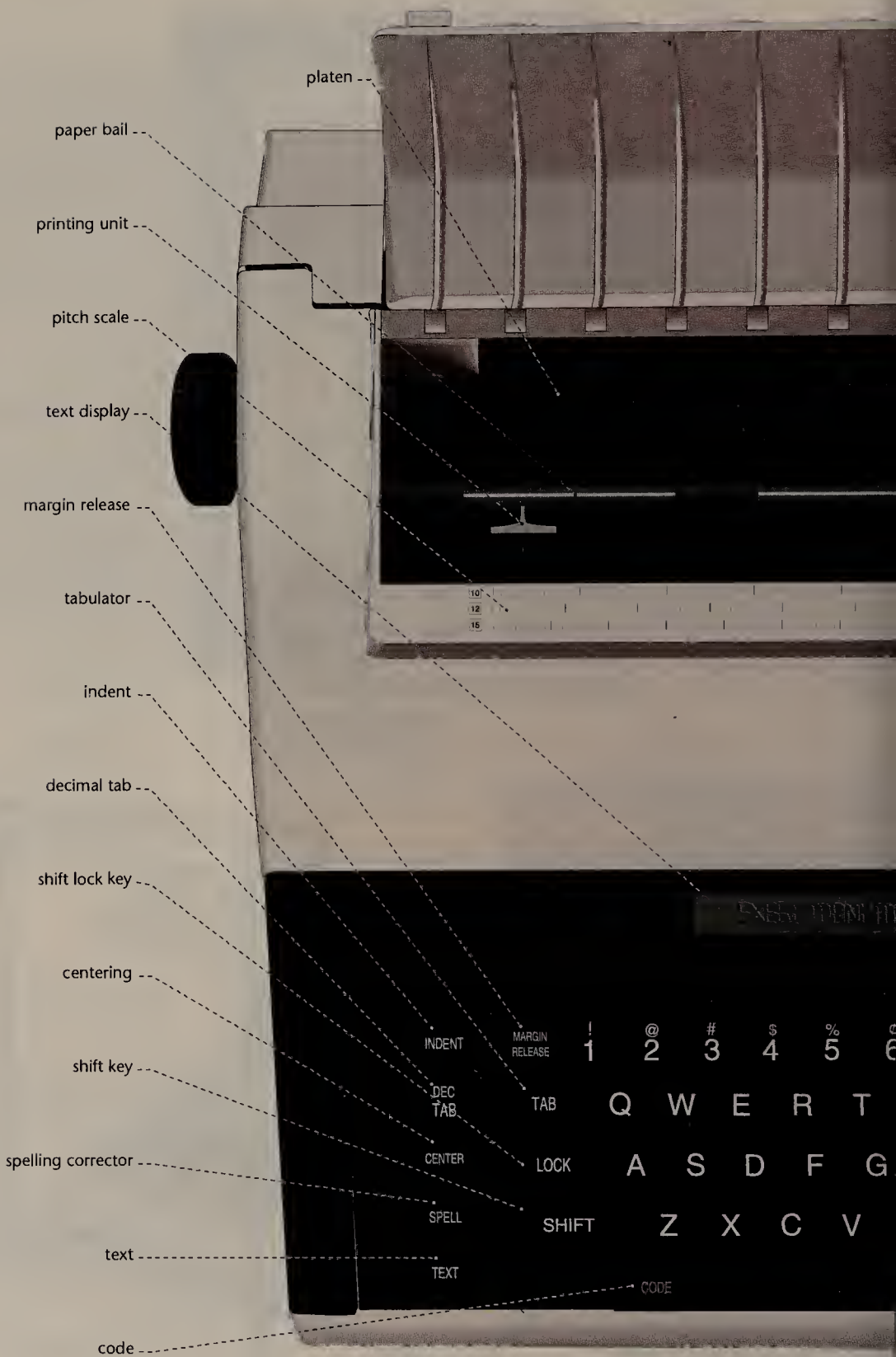
CALCULATOR

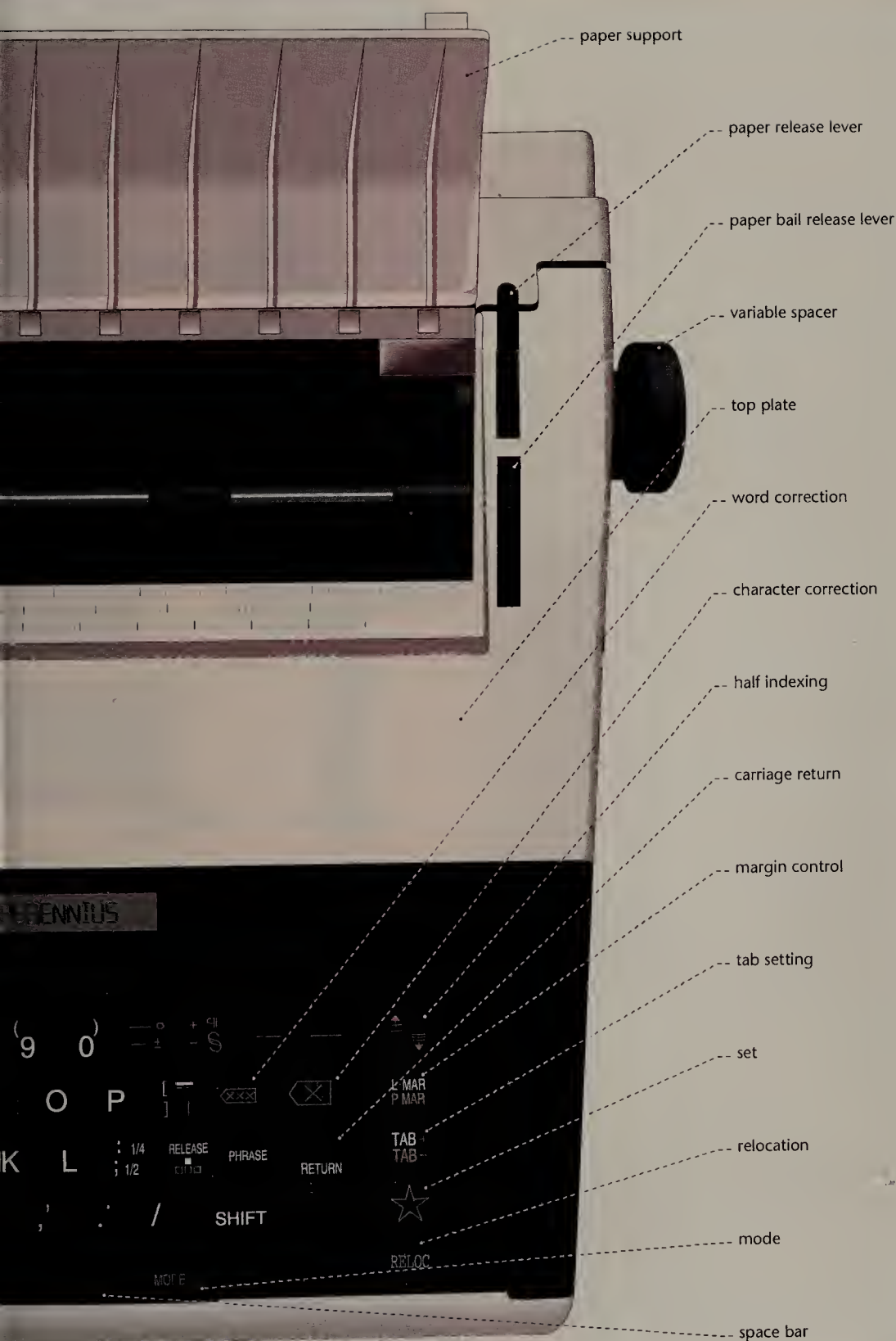
POCKET CALCULATOR



PRINTING CALCULATOR

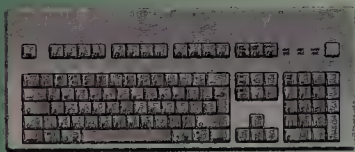






CONFIGURATION OF AN OFFICE AUTOMATION SYSTEM

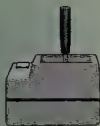
INPUT DEVICES



keyboard



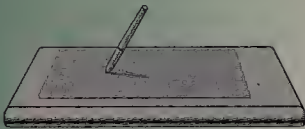
mouse



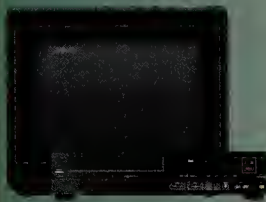
joystick



trackball



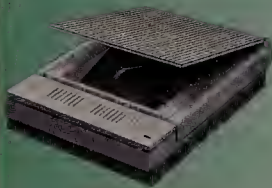
digitizing pad



video cassette recorder



video camera



optical scanner

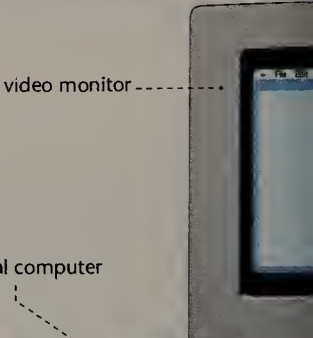


CD-ROM player

COMMUNICATION DEVICES



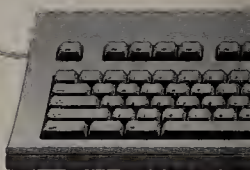
modem



video monitor



personal computer



DATA STORAGE DEVICES



hard disk drive



diskette



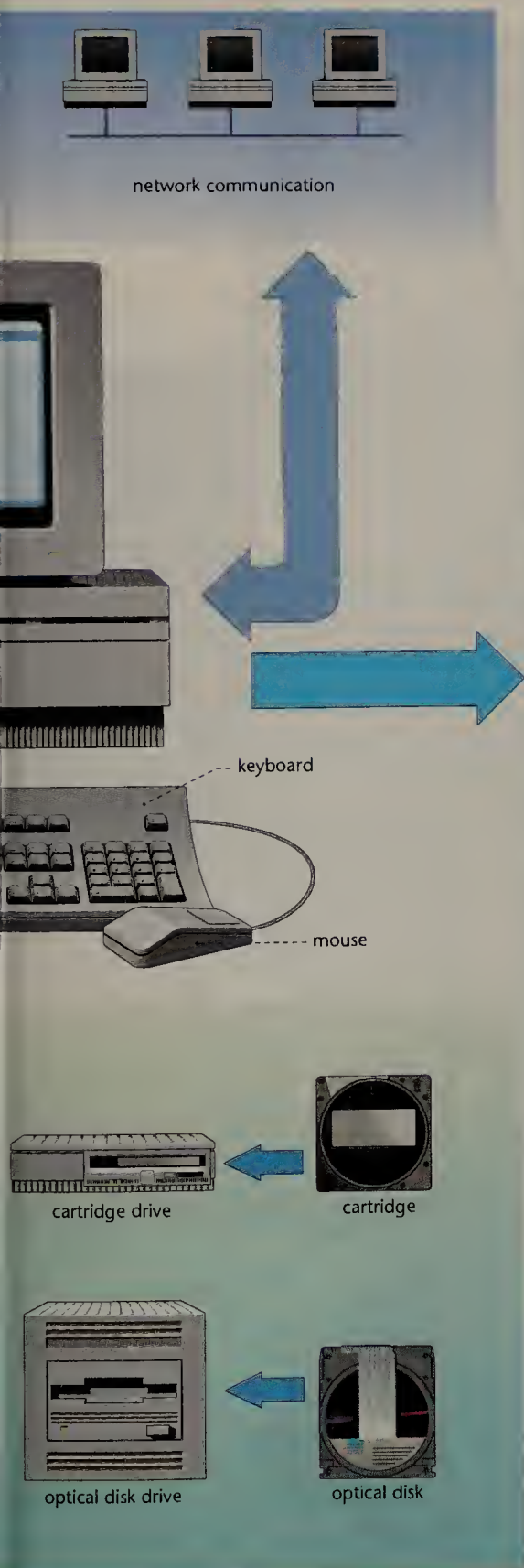
diskette drive



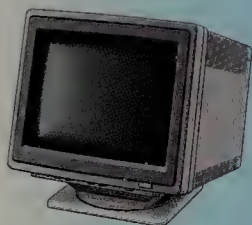
cassette



cassette drive



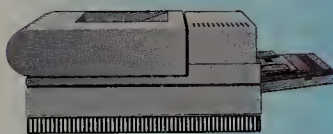
OUTPUT DEVICES



video monitor



desktop video unit



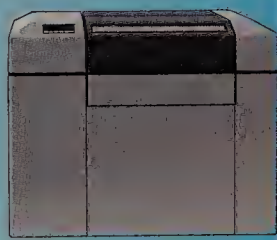
laser printer



dot matrix printer



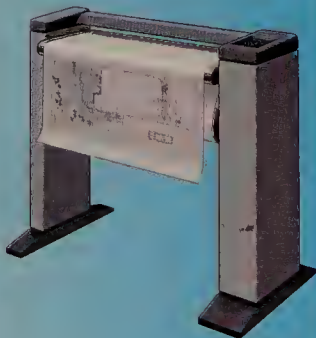
film recorder



imagesetter



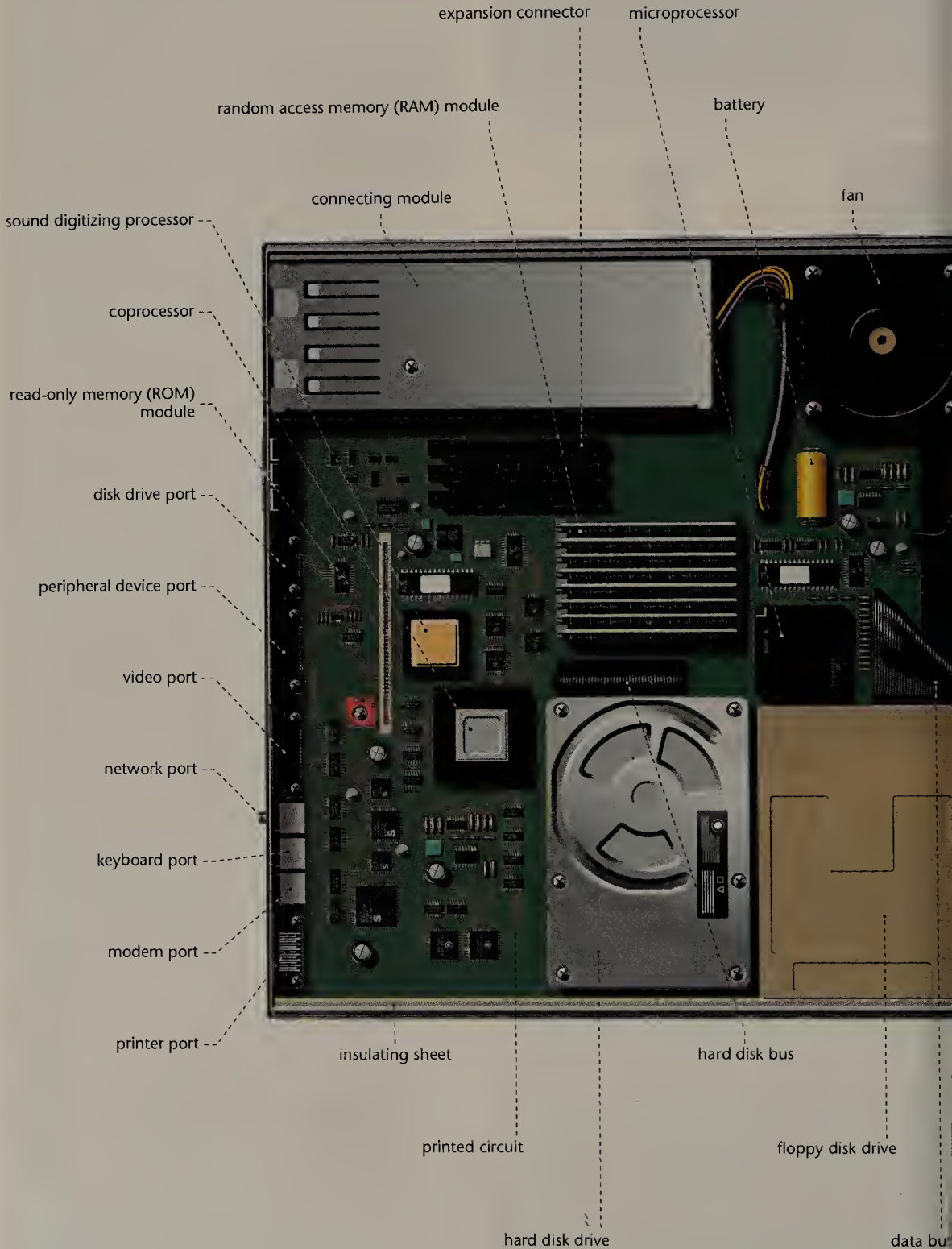
compact disk unit



plotter

BASIC COMPONENTS

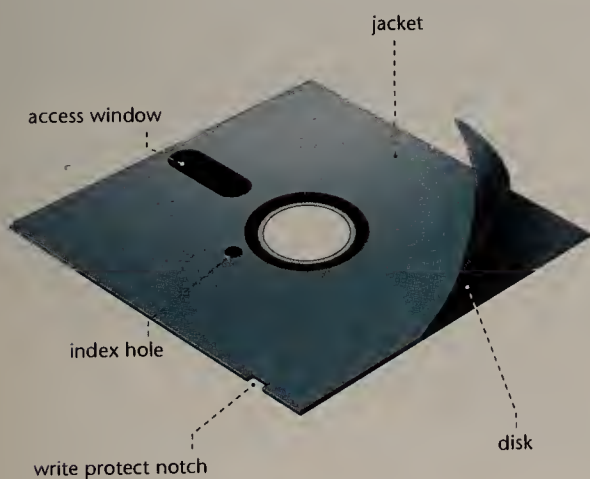
PERSONAL COMPUTER (VIEW FROM ABOVE)



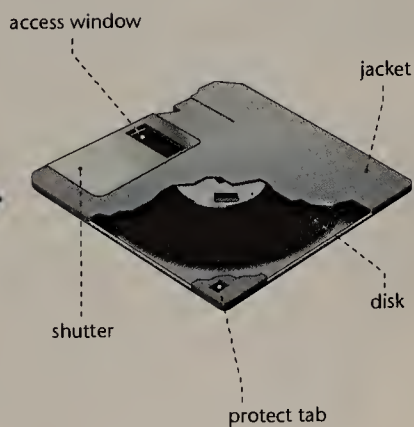
VIDEO MONITOR



FLOPPY DISK



MINI-FLOPPY DISK

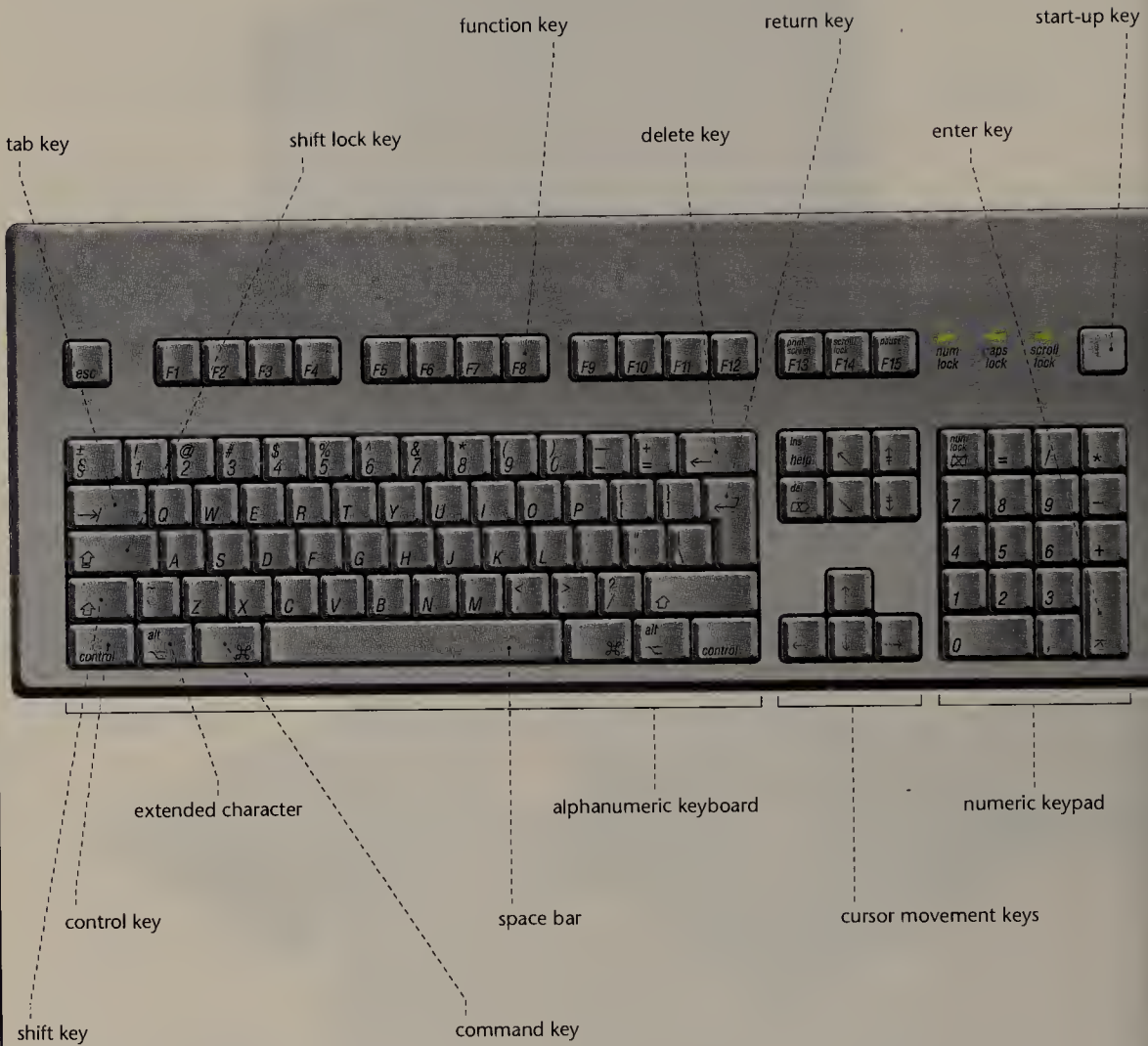


HARD DISK DRIVE

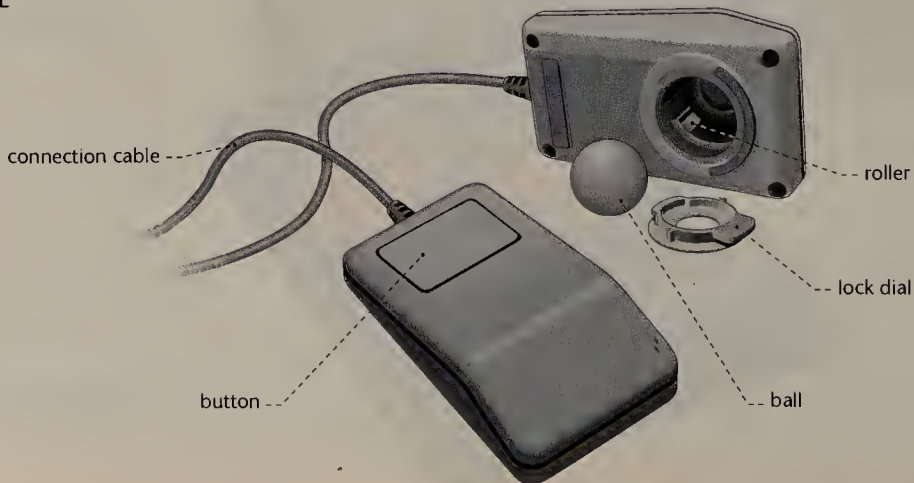


BASIC COMPONENTS

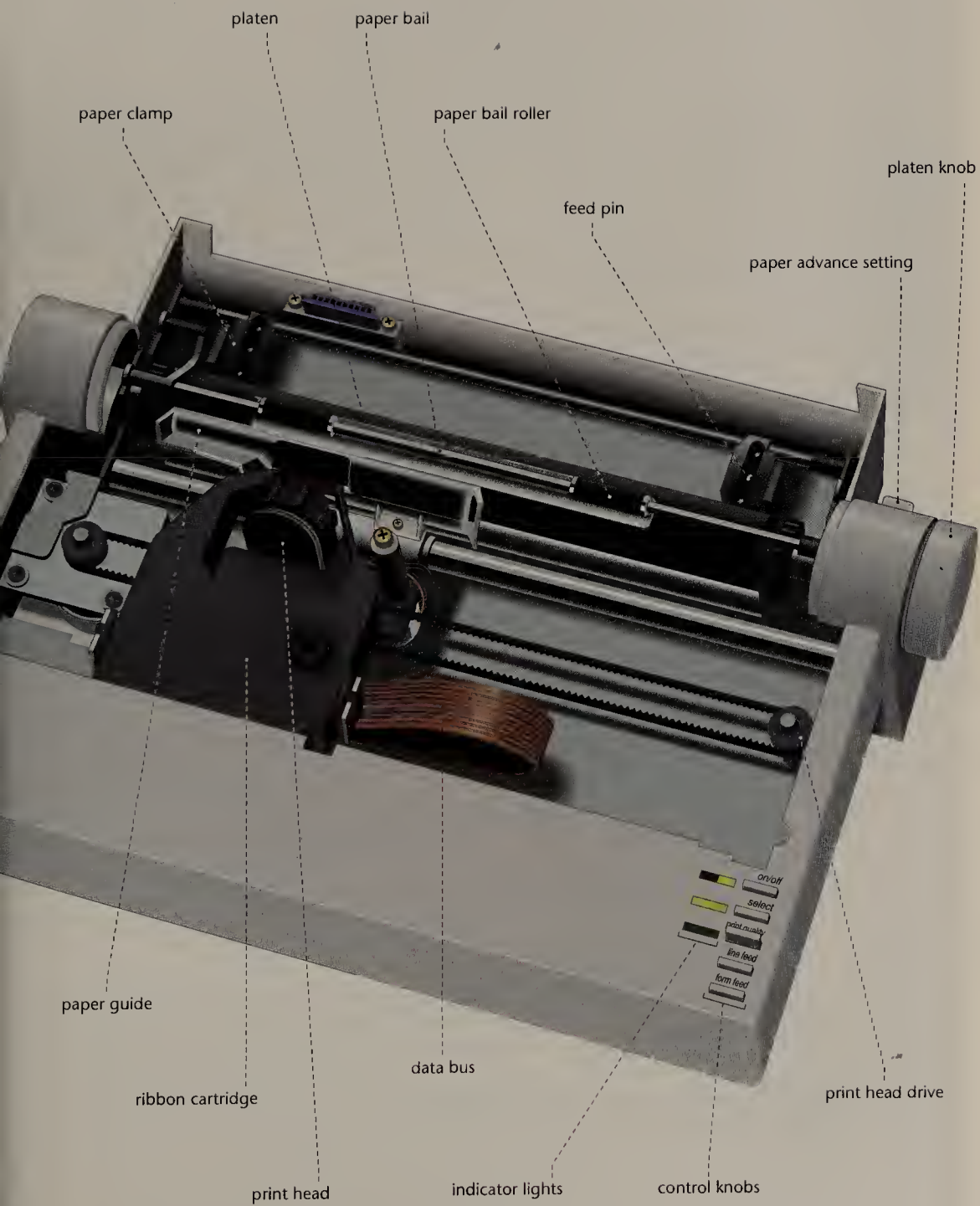
KEYBOARD



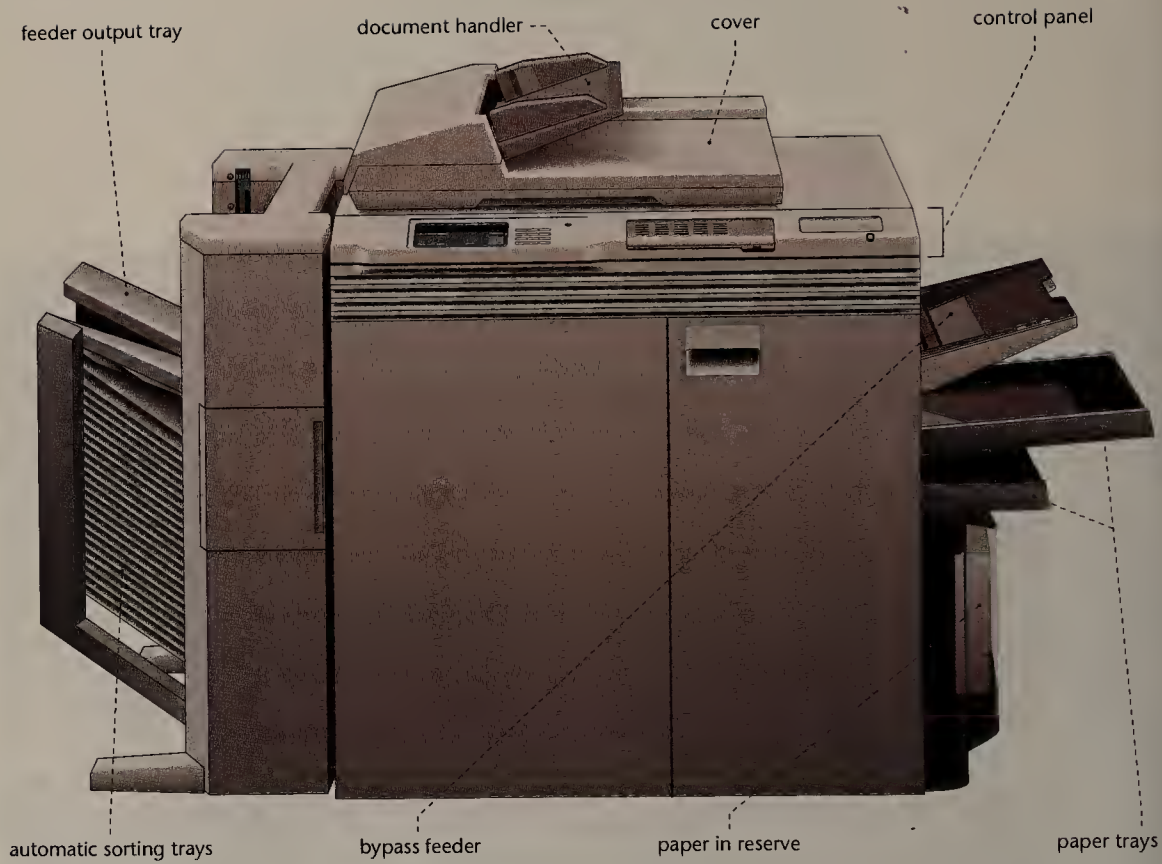
MOUSE



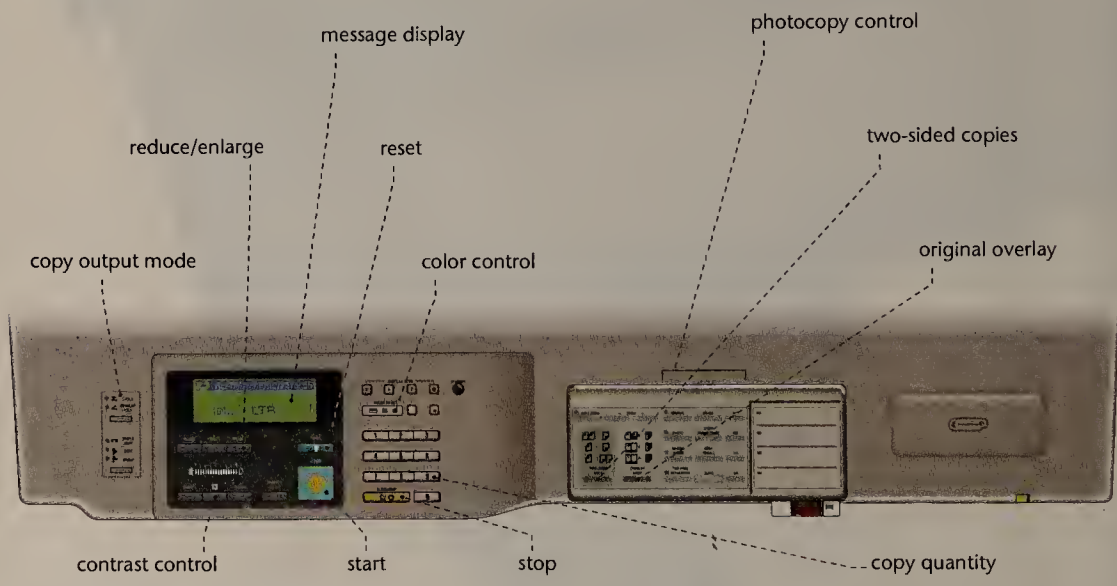
DOT MATRIX PRINTER



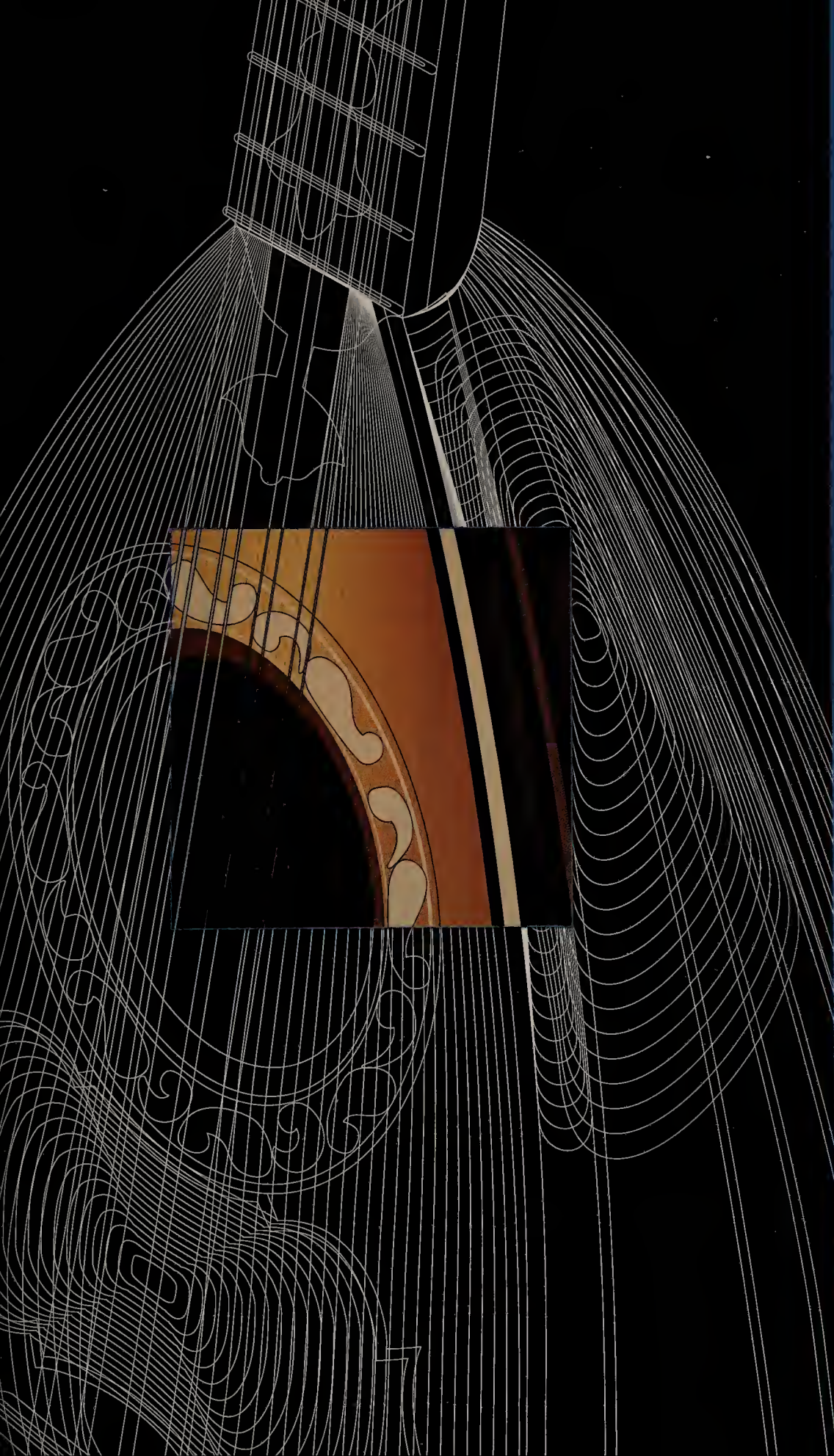
PHOTOCOPIER



CONTROL PANEL



MUSIC



CONTENTS

TRADITIONAL MUSICAL INSTRUMENTS.....	535
MUSICAL NOTATION.....	537
MUSICAL ACCESSORIES	539
KEYBOARD INSTRUMENTS.....	540
ORGAN	542
STRINGED INSTRUMENTS.....	544
WIND INSTRUMENTS	548
PERCUSSION INSTRUMENTS.....	552
ELECTRONIC INSTRUMENTS.....	555
SYMPHONY ORCHESTRA	556
EXAMPLES OF INSTRUMENTAL GROUPS.....	558

TRADITIONAL MUSICAL INSTRUMENTS

ZITHER



LYRE



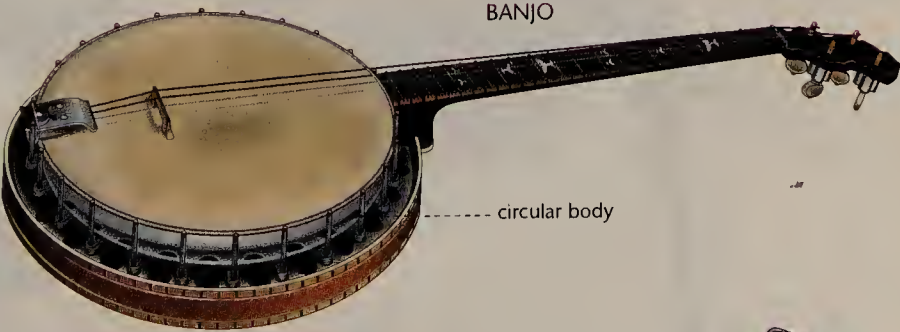
BALALAIKA



MANDOLIN



BANJO

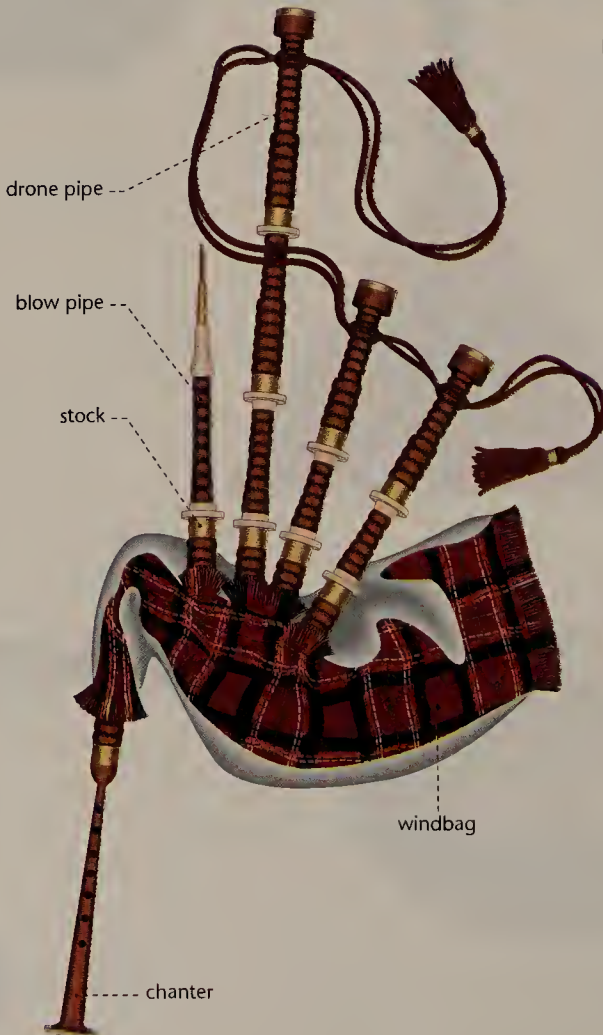


TRADITIONAL MUSICAL INSTRUMENTS

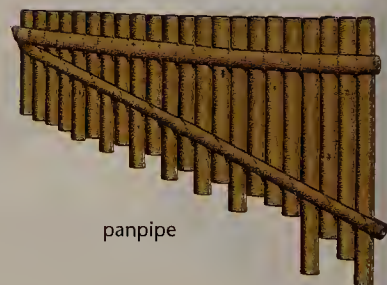
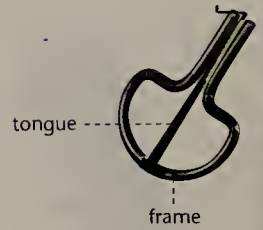
ACCORDION



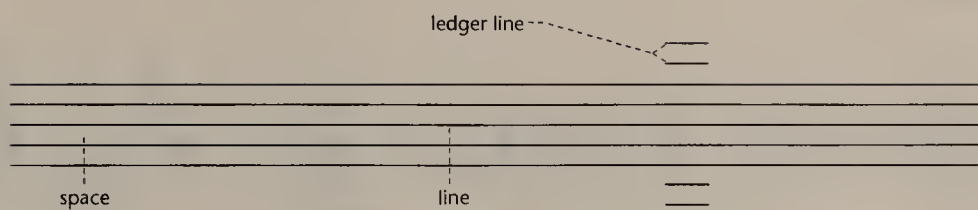
BAGPIPES



JEW'S HARP



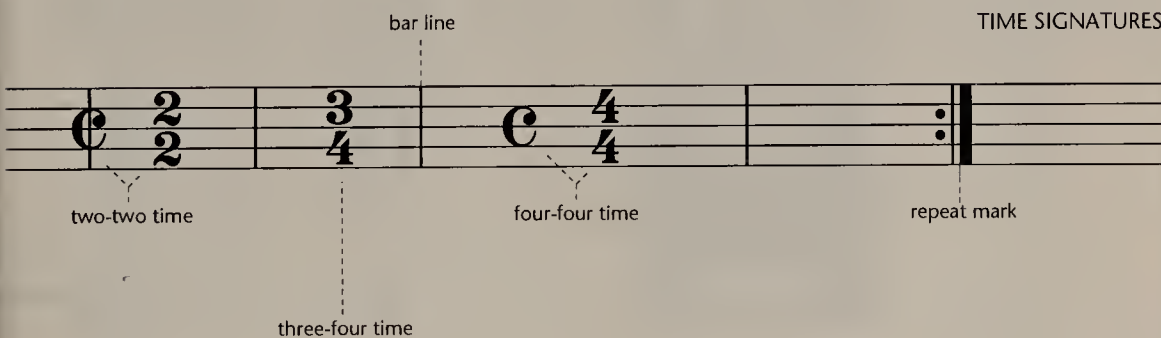
STAFF



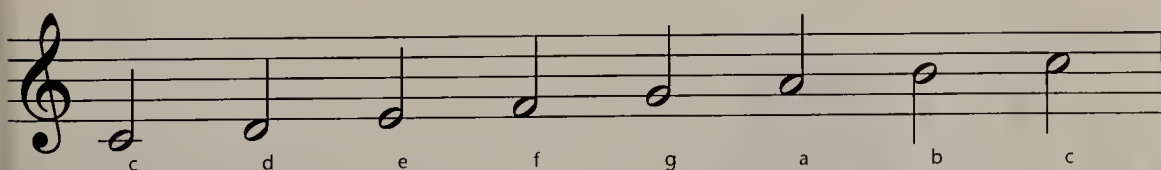
CLEFS



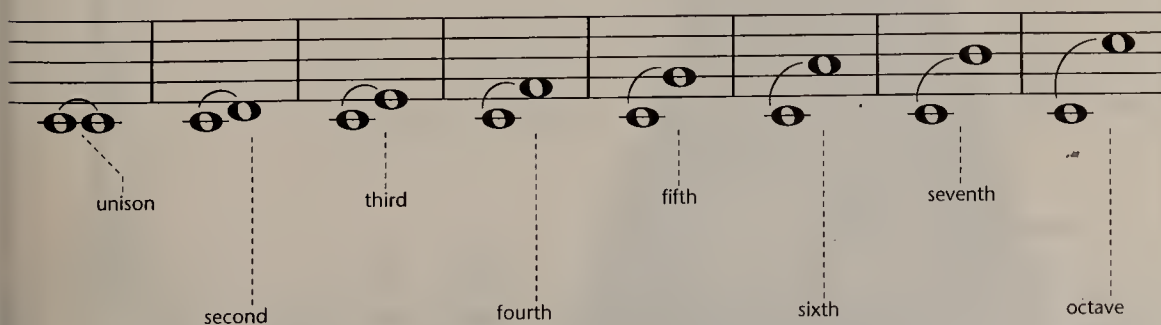
TIME SIGNATURES



SCALE

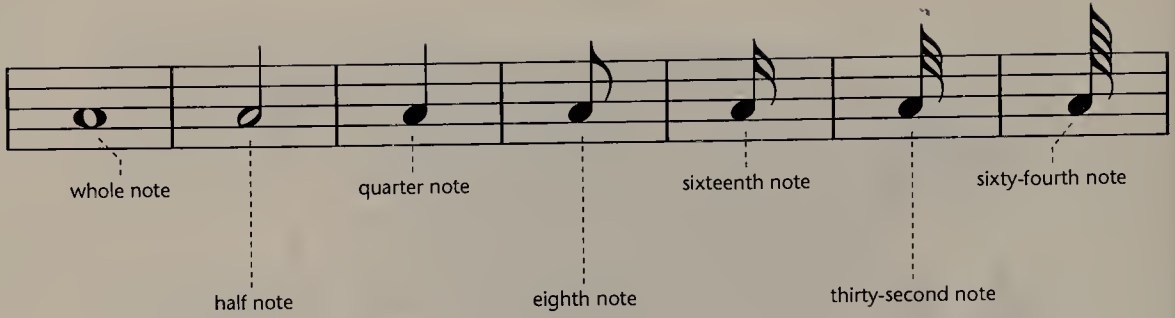


INTERVALS

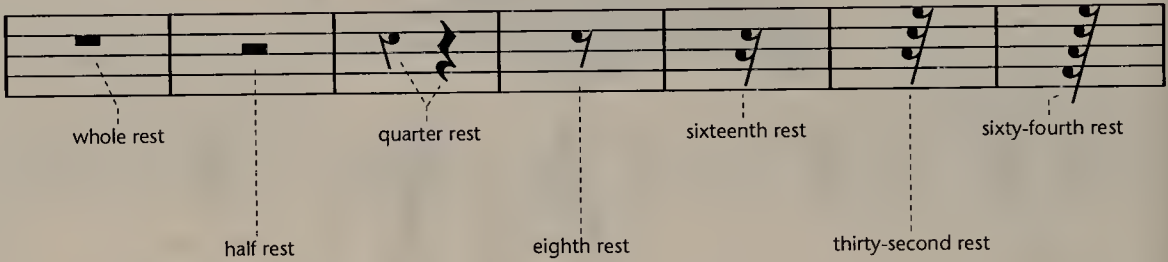


MUSICAL NOTATION

NOTE SYMBOLS



REST SYMBOLS



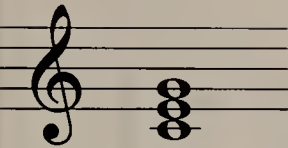
ACCIDENTALS



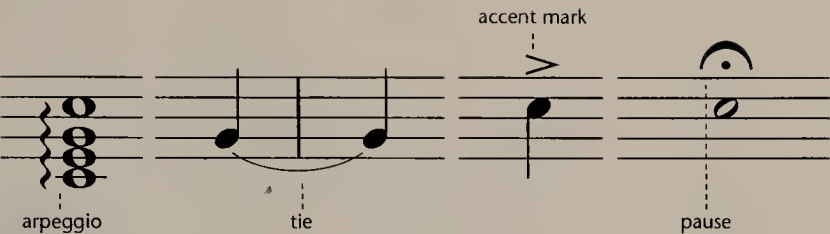
ORNAMENTS



CHORD

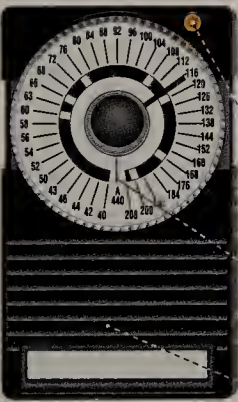
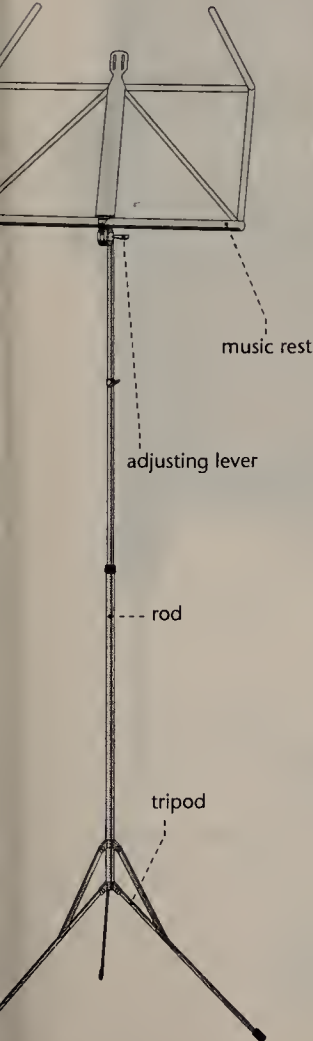


OTHER SIGNS

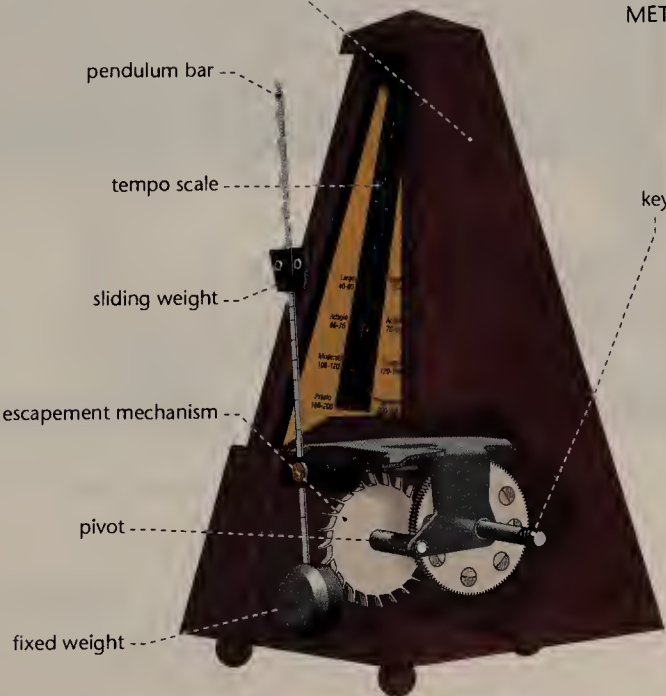


MUSICAL ACCESSORIES

MUSIC STAND



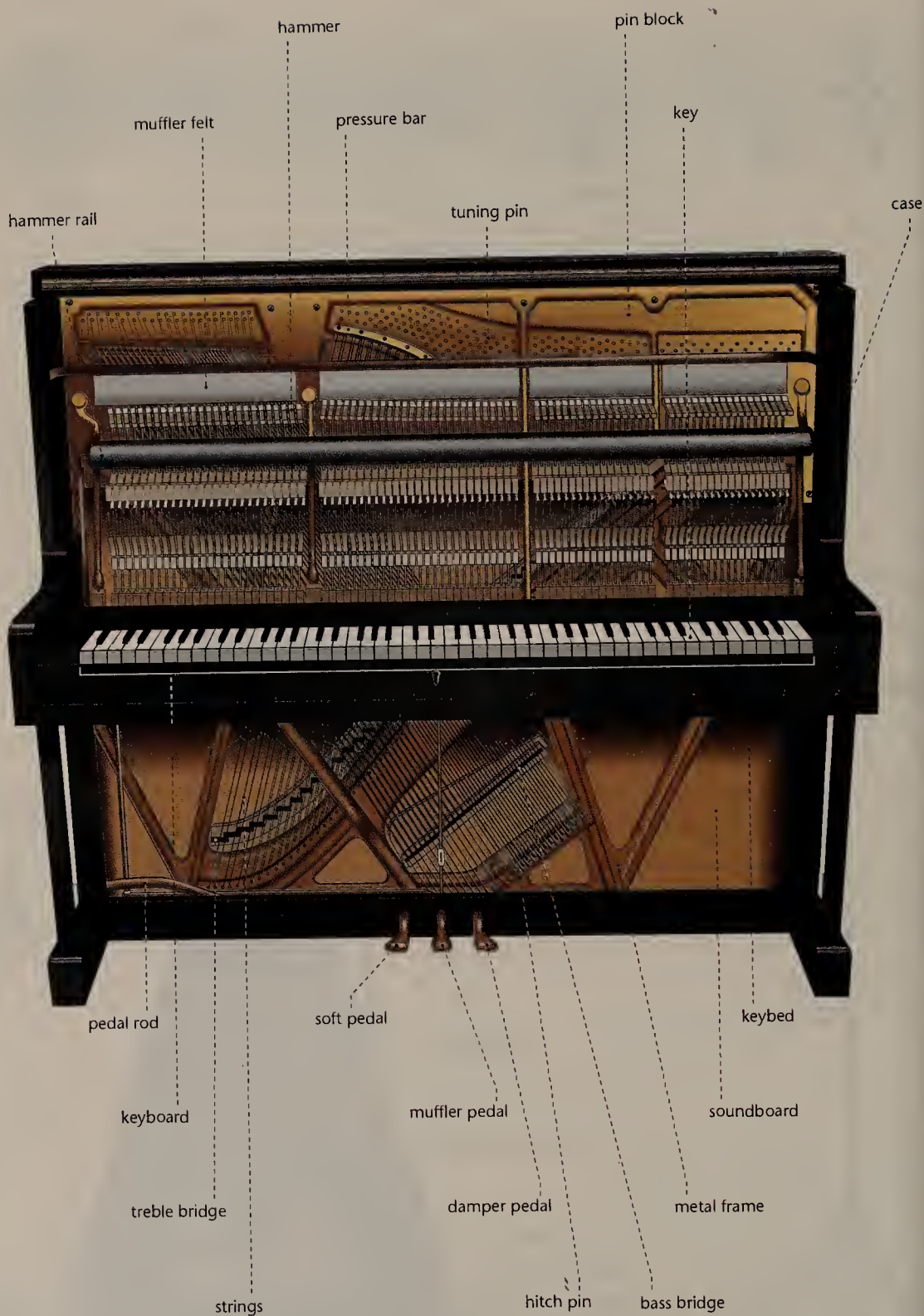
QUARTZ METRONOME



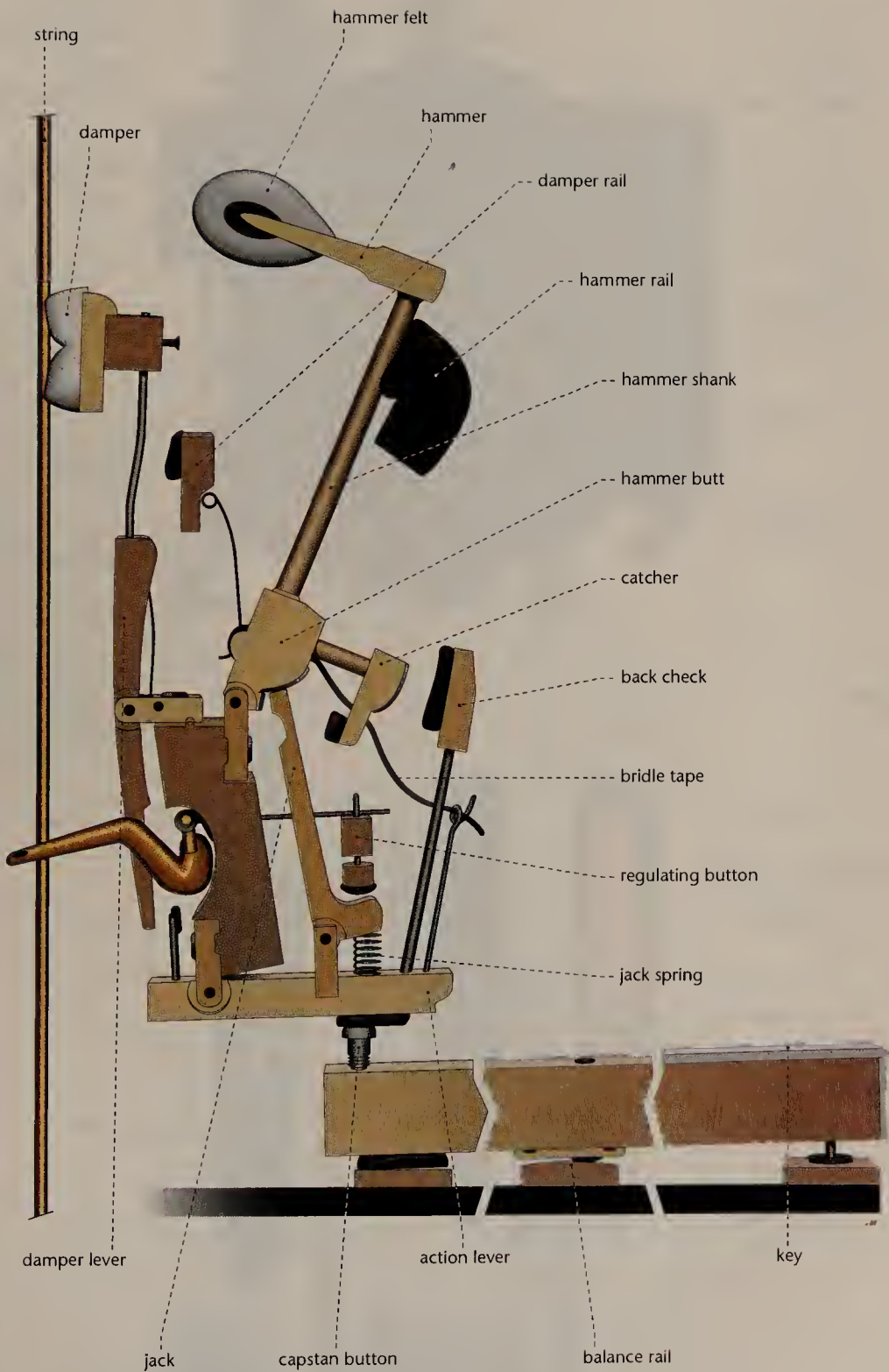
METRONOME

KEYBOARD INSTRUMENTS

UPRIGHT PIANO



UPRIGHT PIANO ACTION



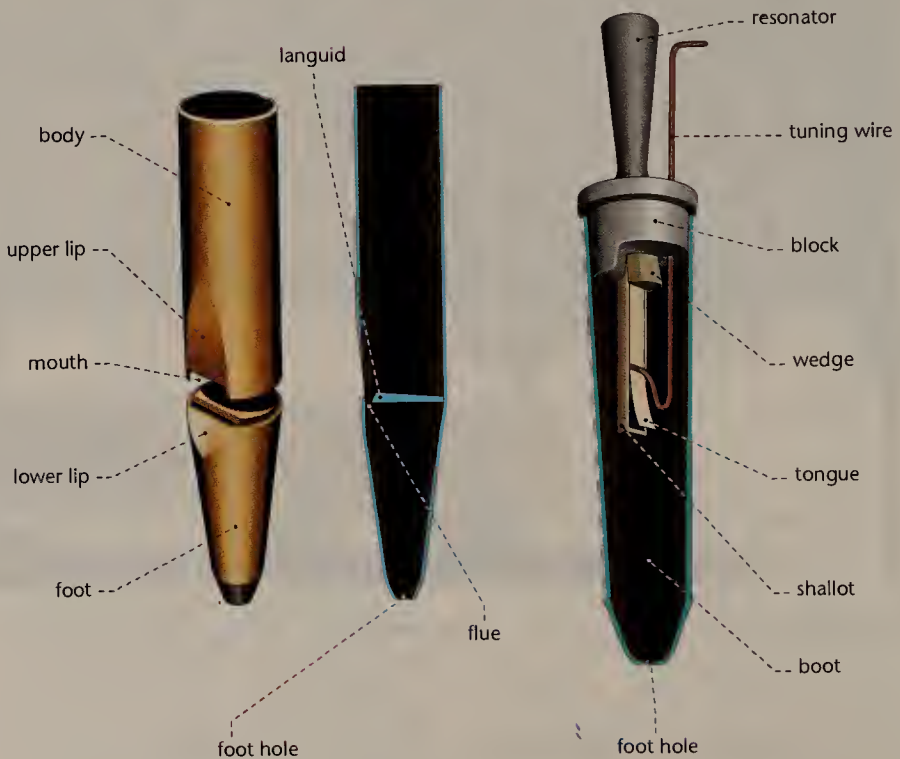
ORGAN

ORGAN CONSOLE

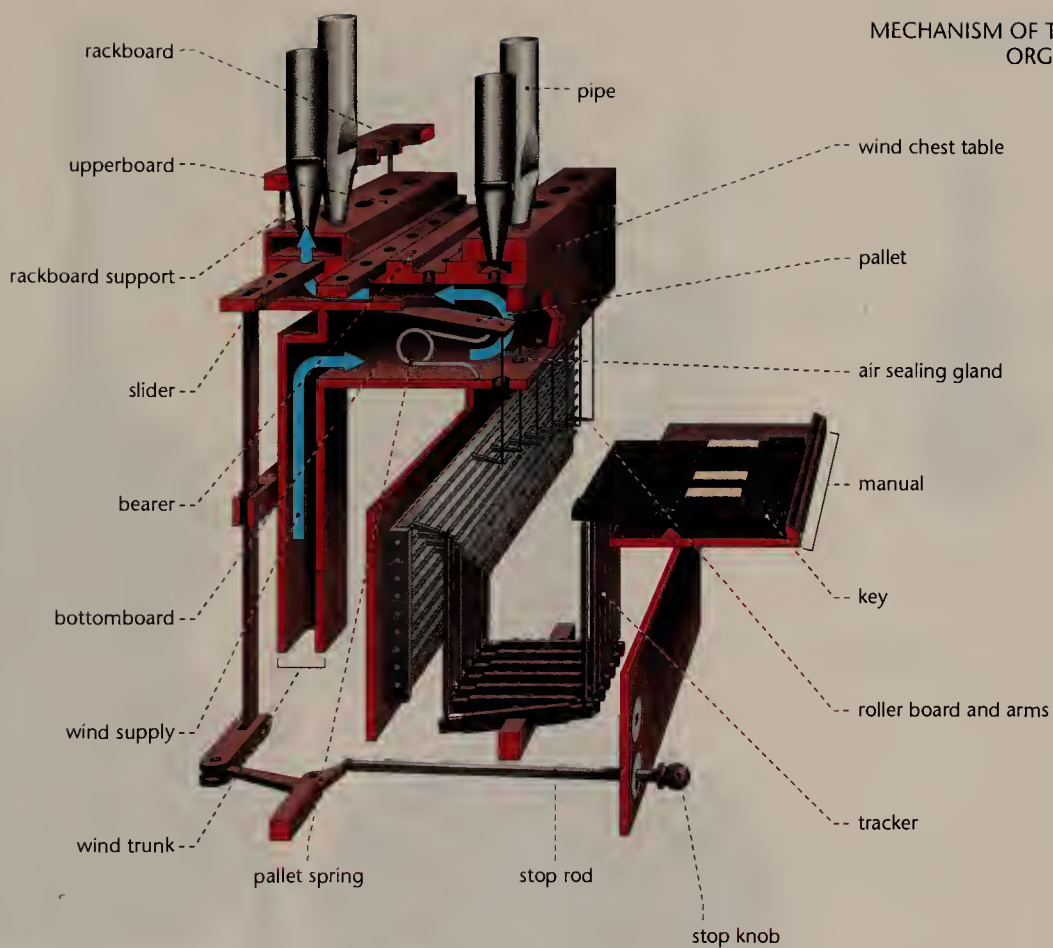


REED PIPE

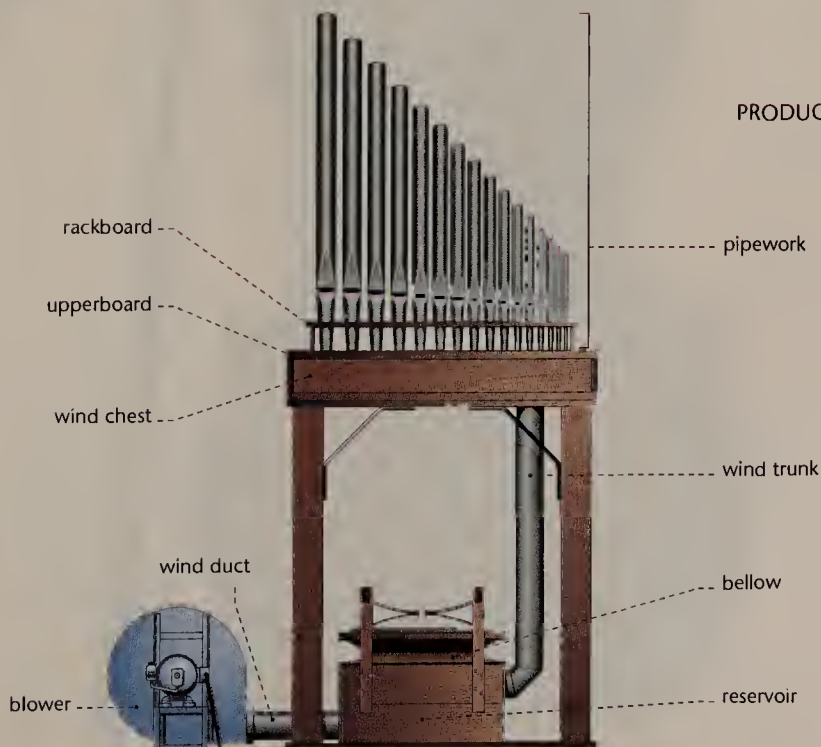
FLUE PIPE



MECHANISM OF THE ORGAN



PRODUCTION OF SOUND



STRINGED INSTRUMENTS

VIOLIN



VIOLIN FAMILY



double bass



cello

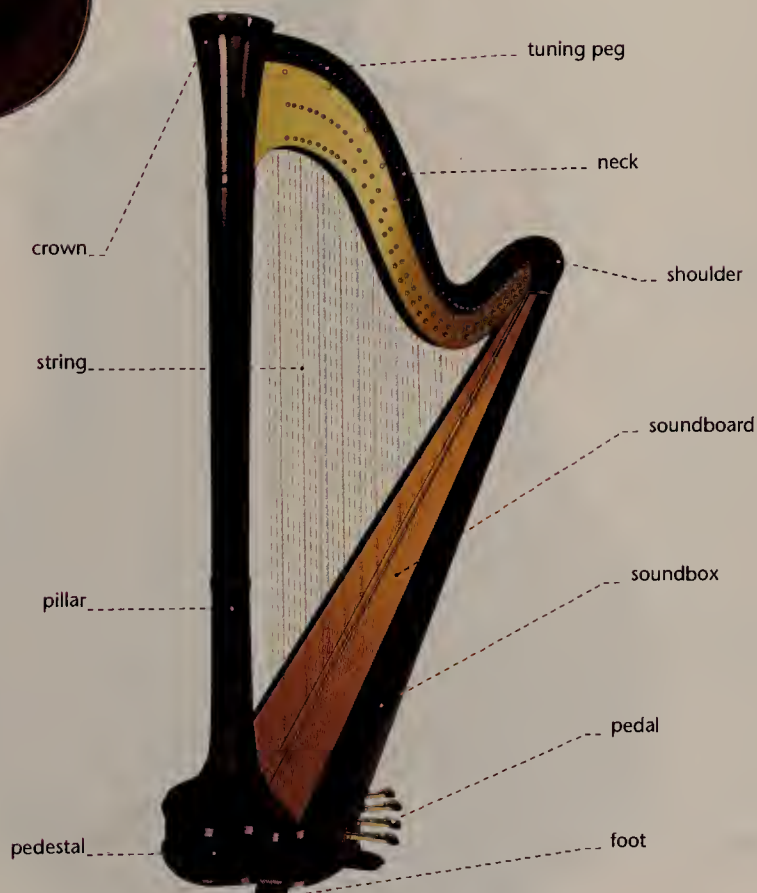


viola



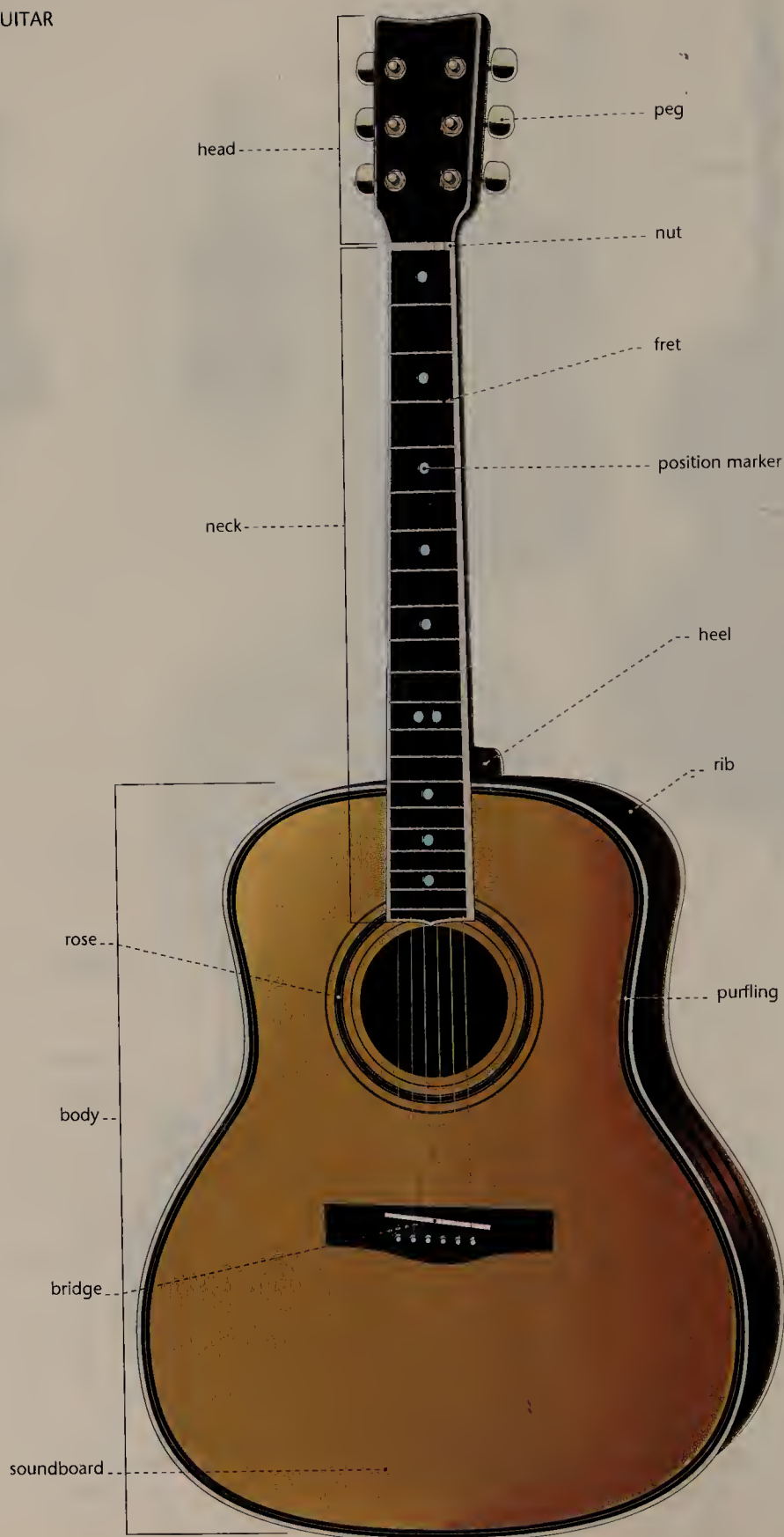
violin

HARP



STRINGED INSTRUMENTS

ACOUSTIC GUITAR

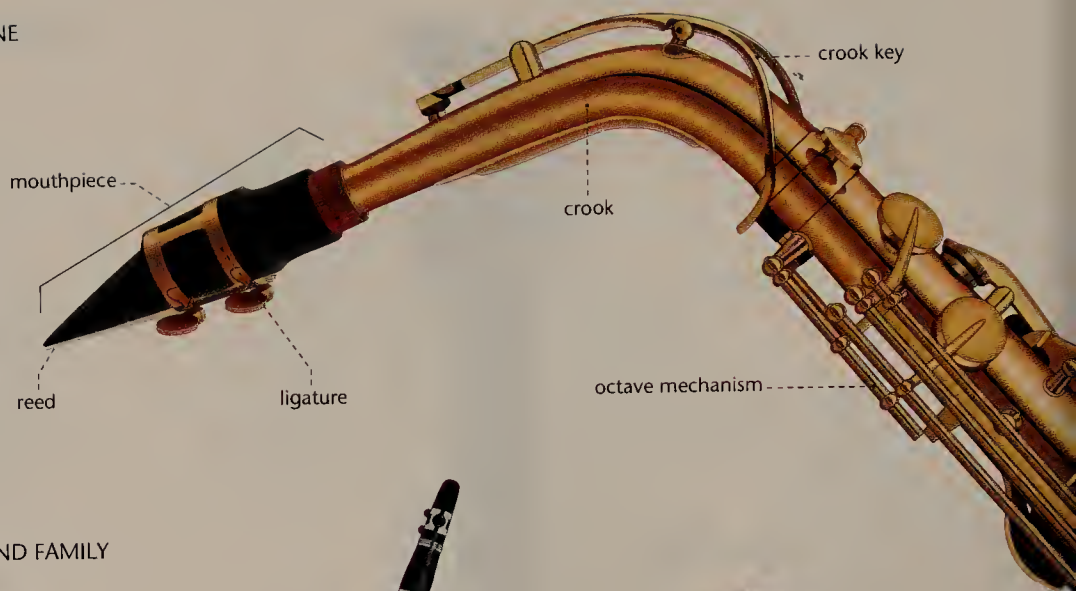


ELECTRIC GUITAR



WIND INSTRUMENTS

SAXOPHONE



WOODWIND FAMILY



REEDS



single reed

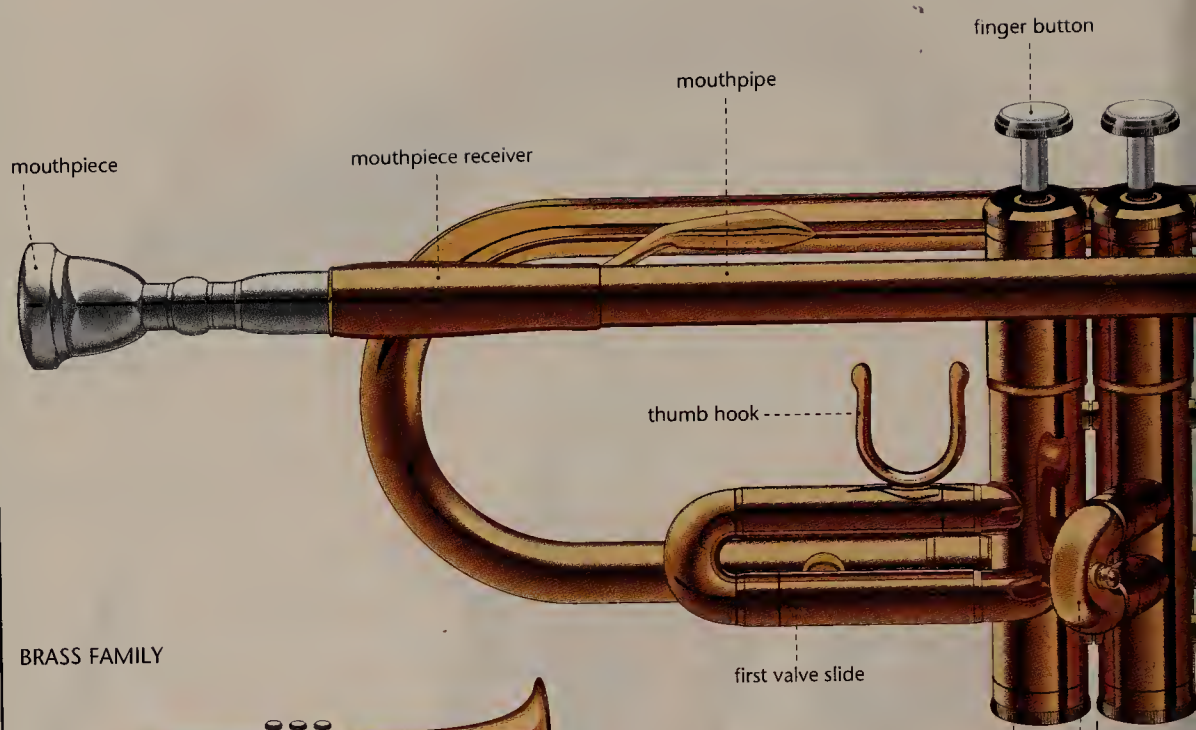


double reed

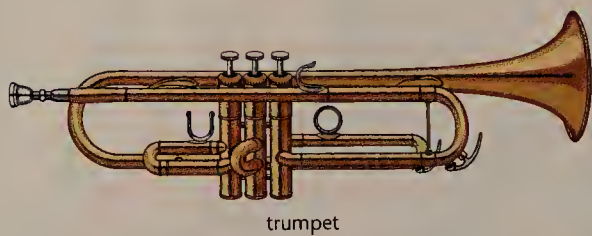
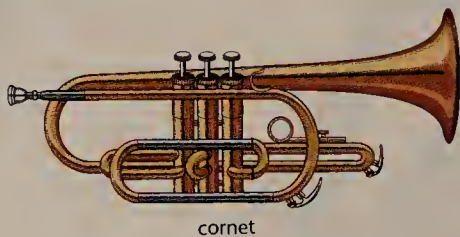


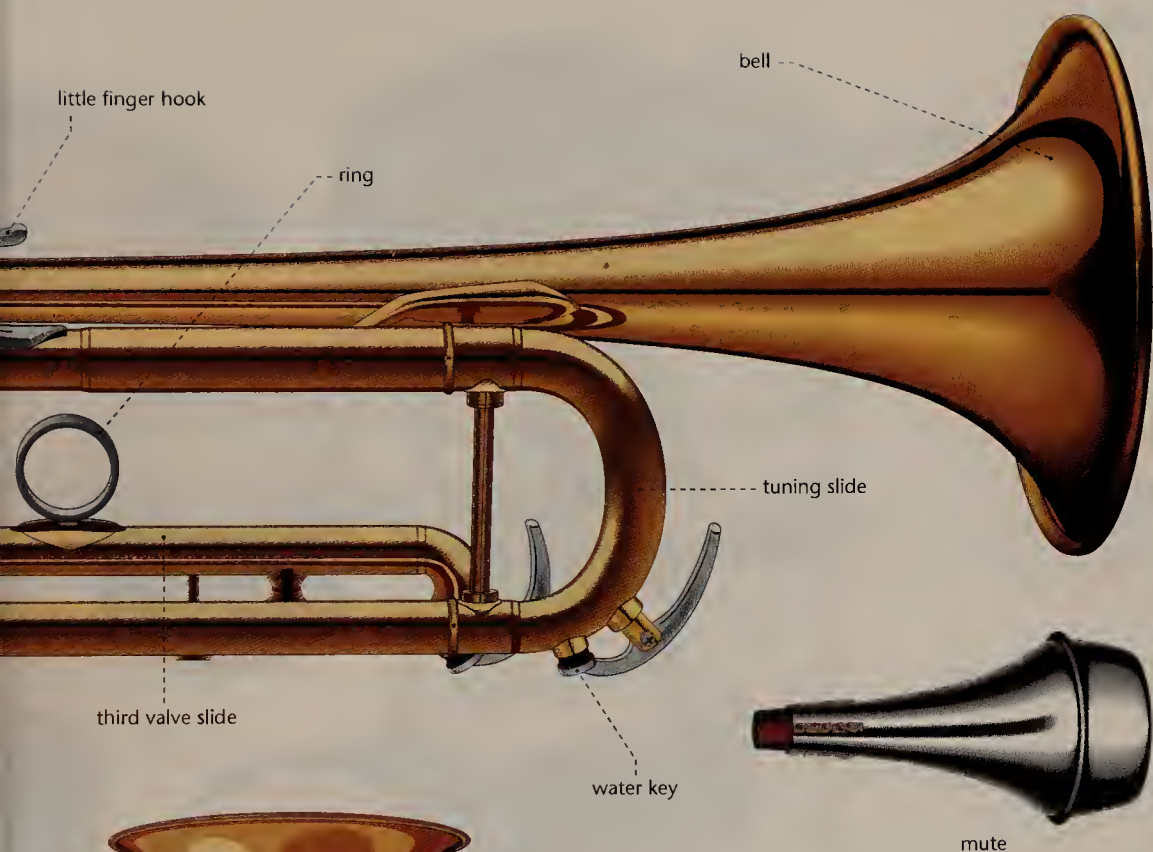
WIND INSTRUMENTS

TRUMPET

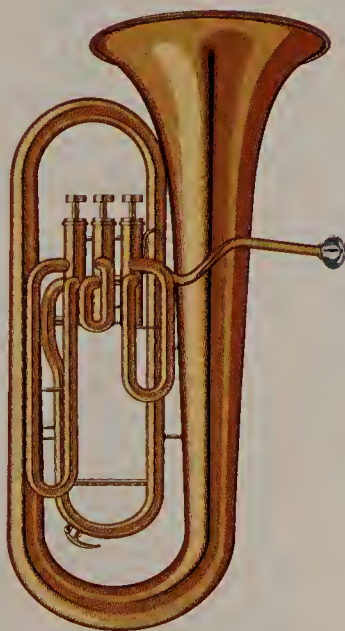


BRASS FAMILY





tuba



saxhorn



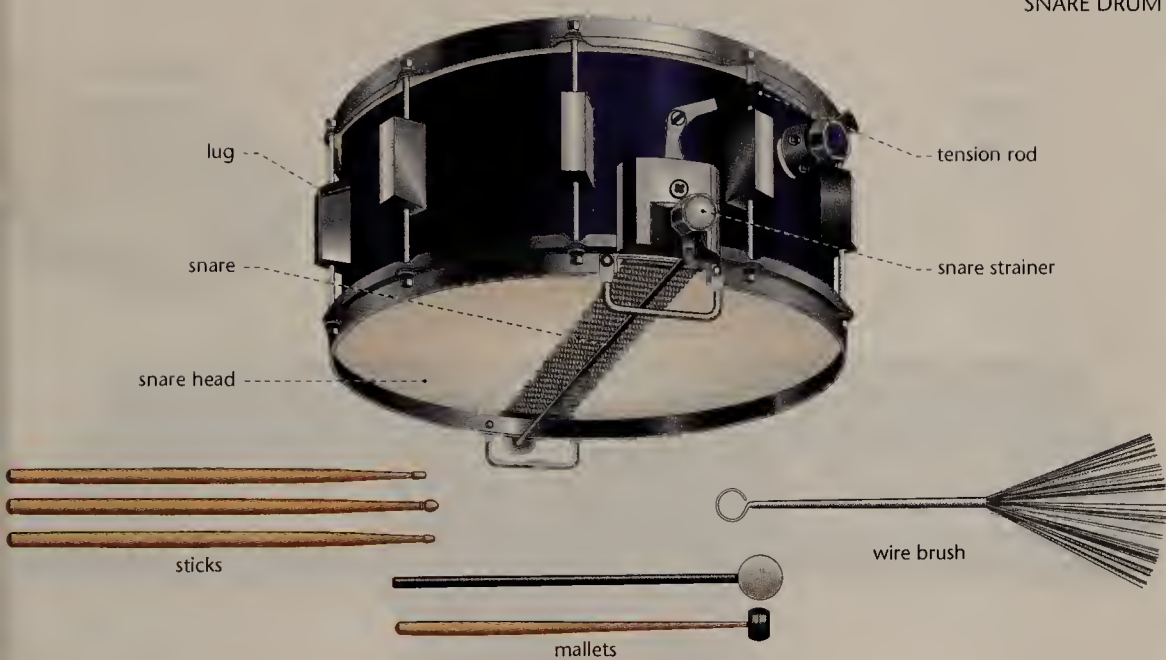
French horn

PERCUSSION INSTRUMENTS

DRUMS



SNARE DRUM

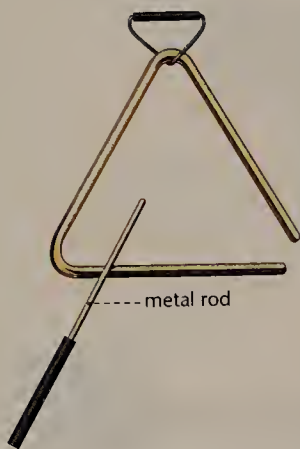


KETTLEDRUM



PERCUSSION INSTRUMENTS

TRIANGLE



castanets



TAMBOURINE



cymbals



XYLOPHONE

tubular bells



frame

bar



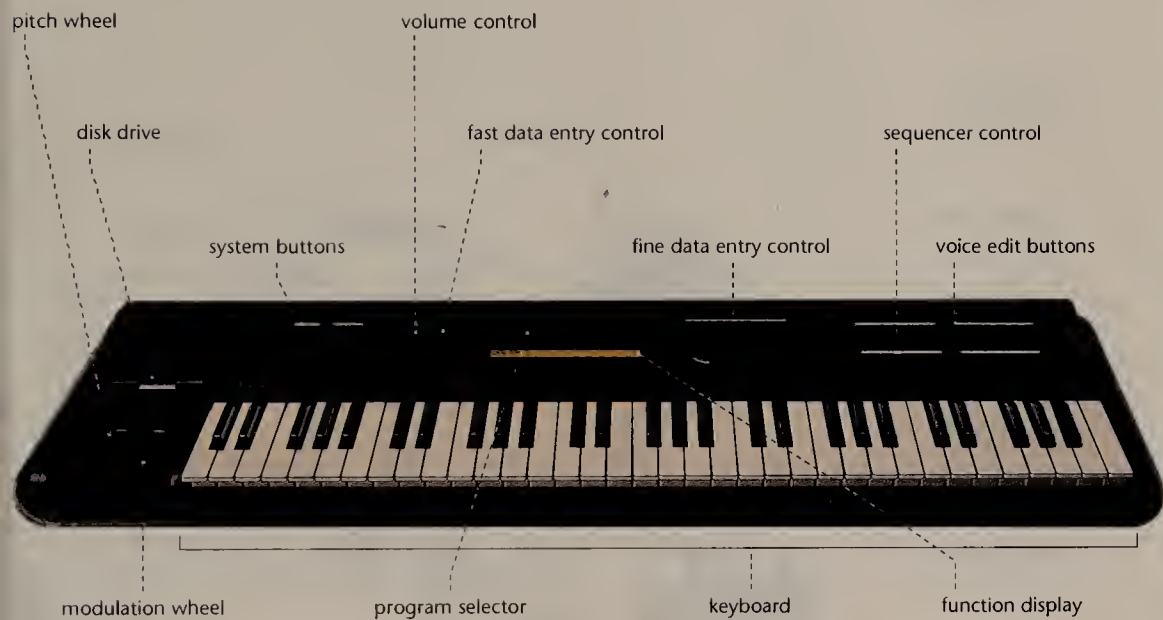
resonator

gong



ELECTRONIC INSTRUMENTS

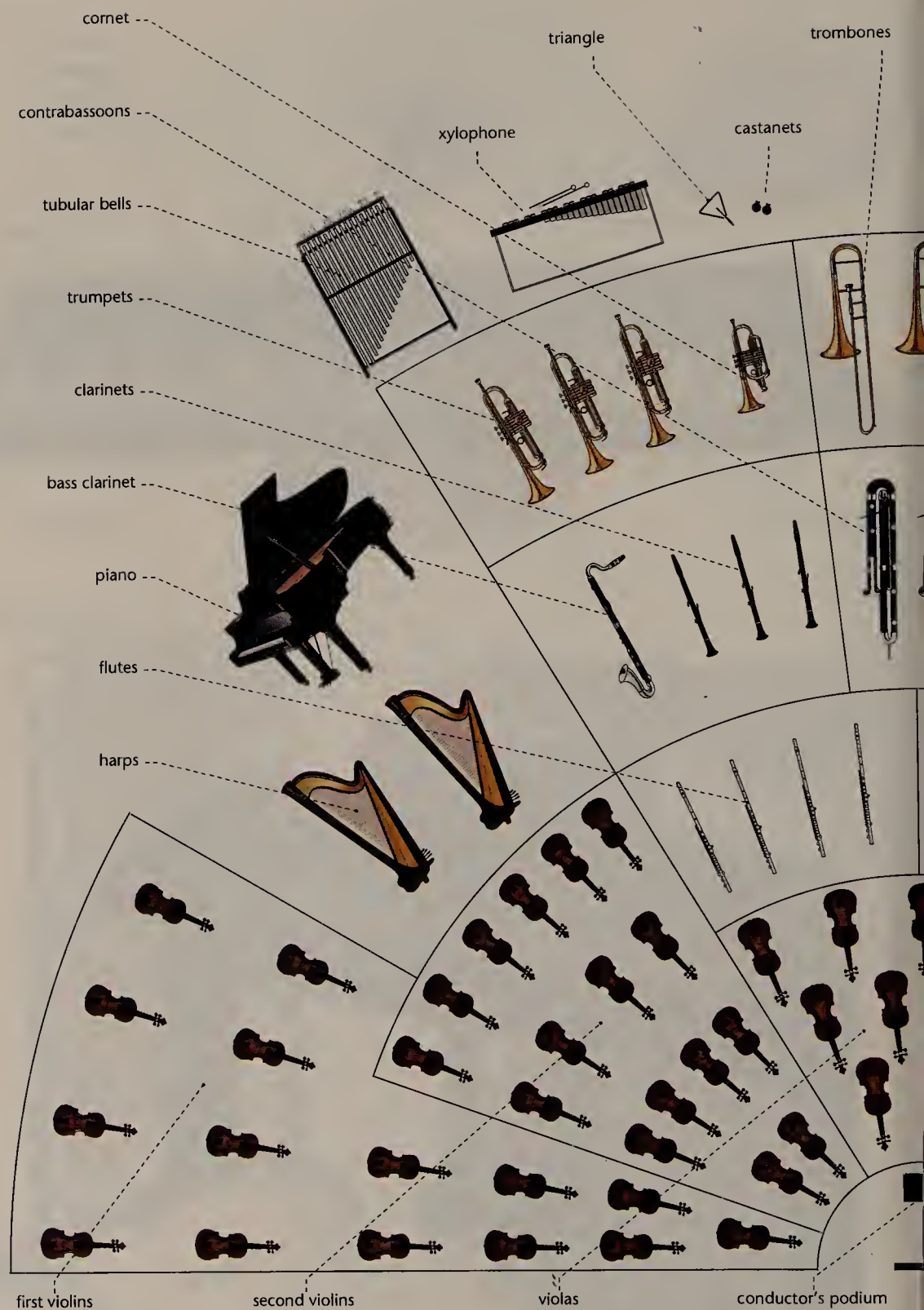
SYNTHESIZER

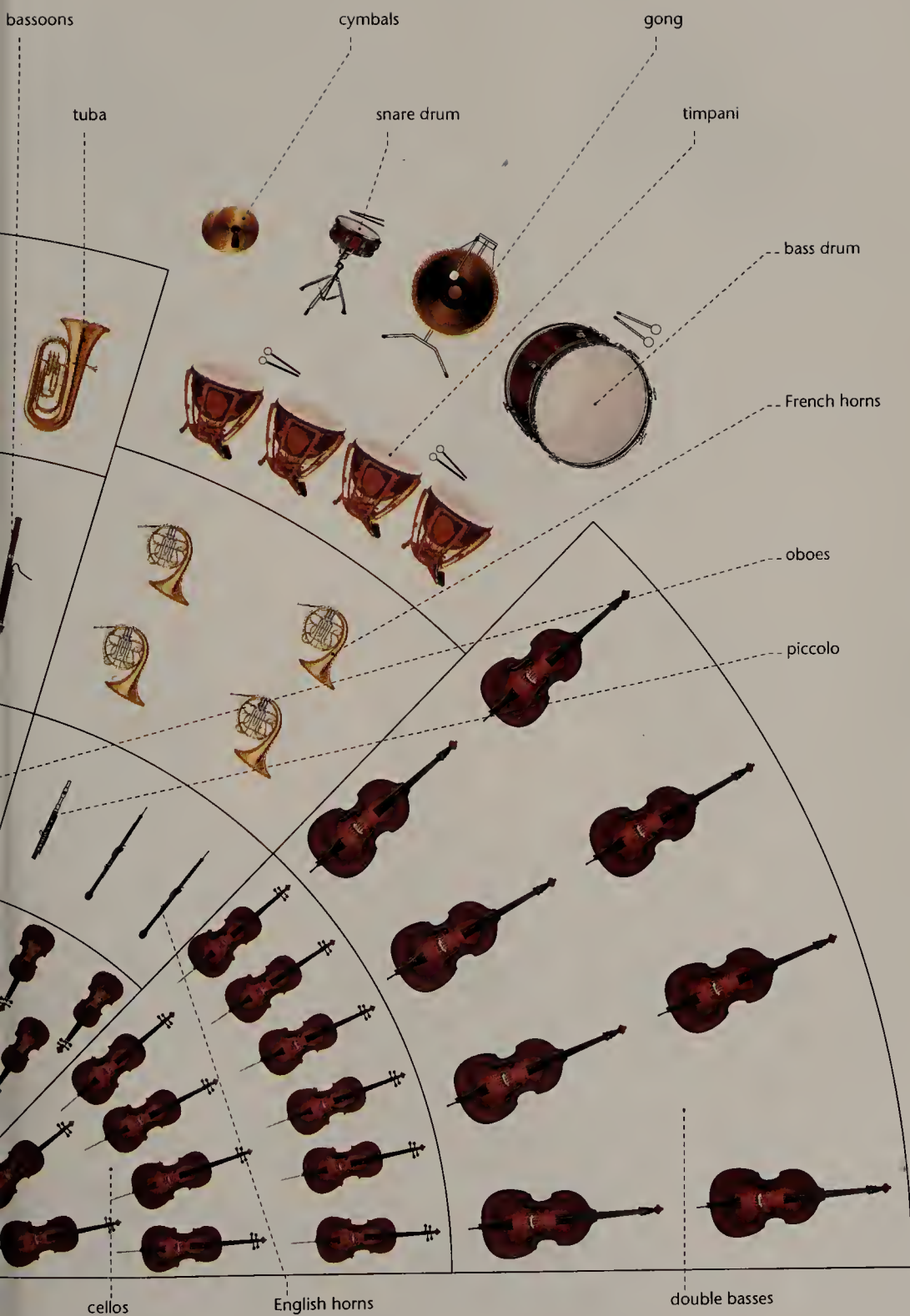


ELECTRONIC PIANO



SYMPHONY ORCHESTRA





EXAMPLES OF INSTRUMENTAL GROUPS

duo



trio



quartet



quintet



sextet



jazz band



CREATIVE LEISURE ACTIVITIES



CONTENTS

SEWING561

KNITTING567

KNITTING MACHINE.....568

BOBBIN LACE.....570

EMBROIDERY571

WEAVING.....572

FINE BOOKBINDING577

PRINTING580

RELIEF PRINTING PROCESS581

INTAGLIO PRINTING PROCESS582

LITHOGRAPHY583

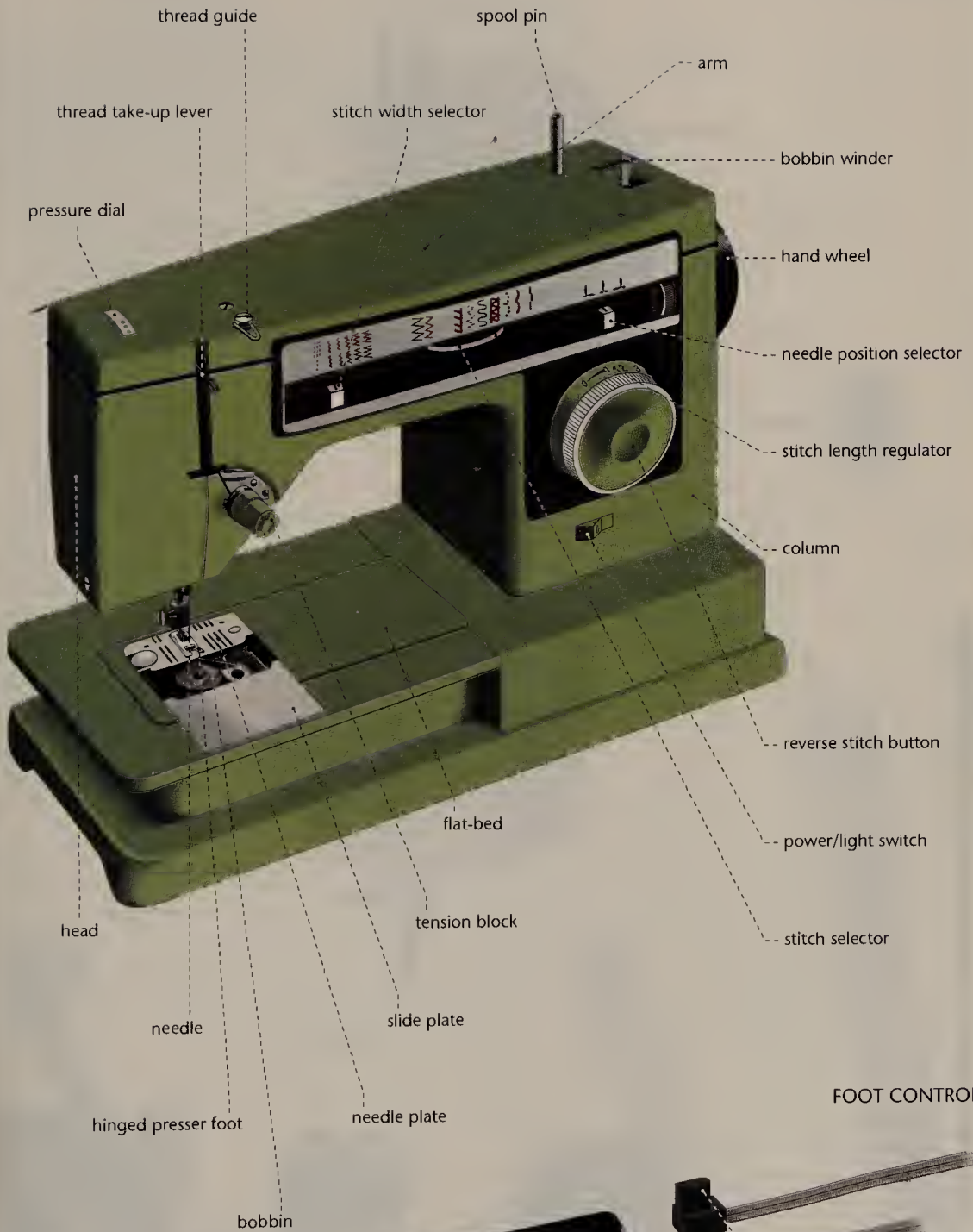
POTTERY584

WOOD CARVING.....586

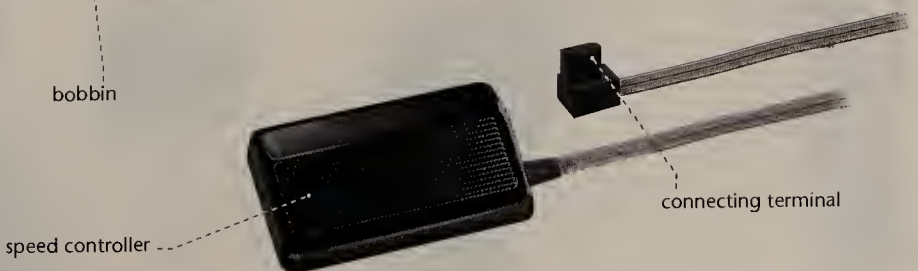
PAINTING AND DRAWING.....588

SEWING

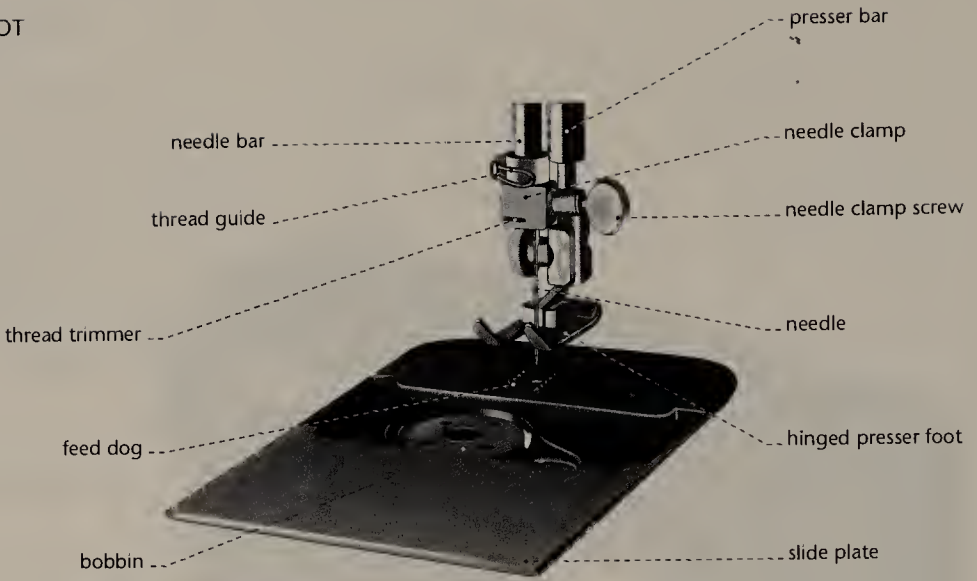
SEWING MACHINE



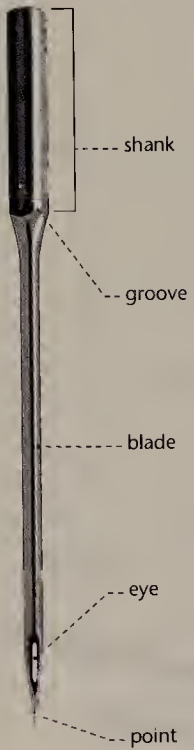
FOOT CONTROL



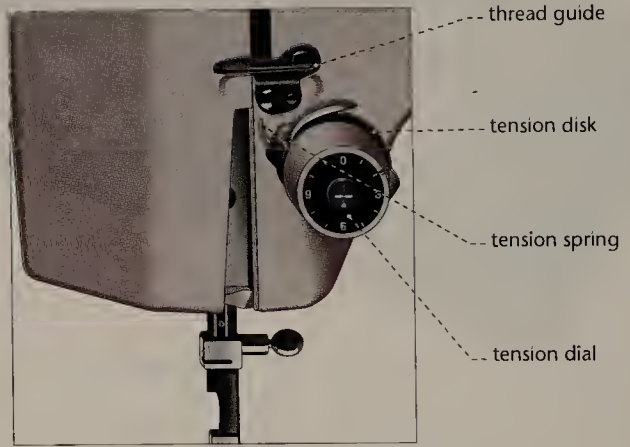
PRESSER FOOT



NEEDLE



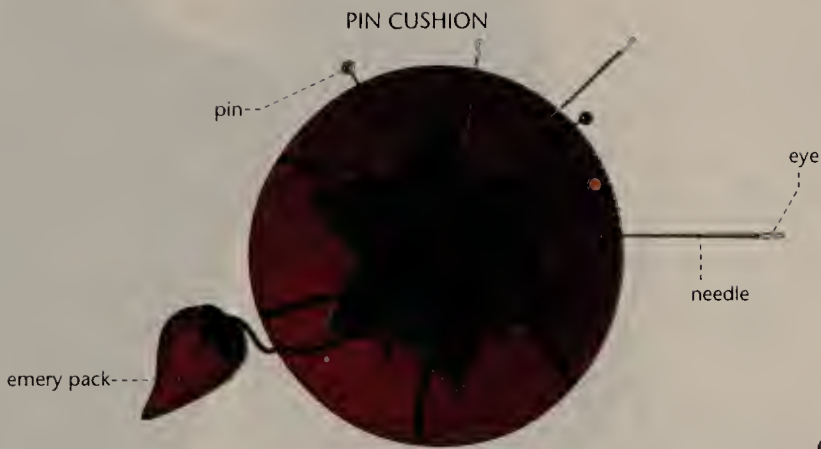
TENSION BLOCK



BOBBIN CASE



ACCESSORIES



TRACING WHEEL



tape measure

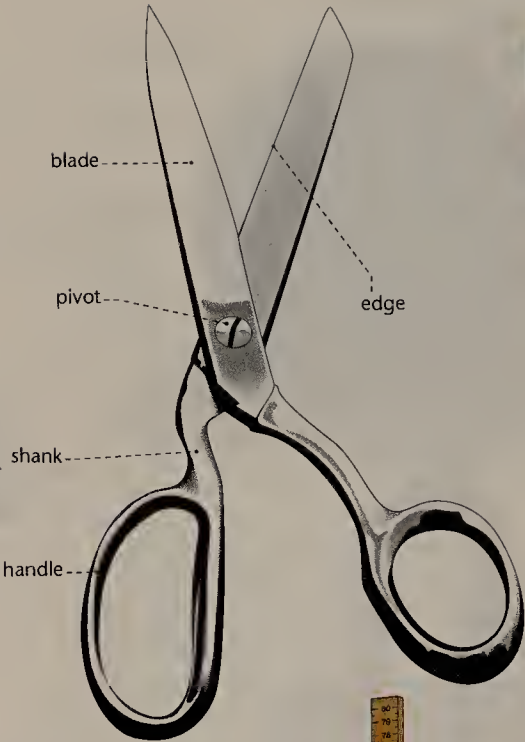


seam gauge



ACCESSORIES

scissors



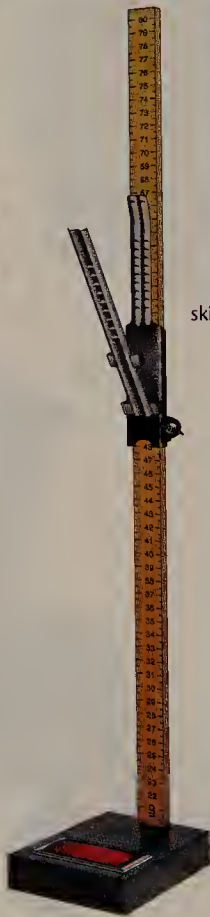
dressmaker's model



pinking shears



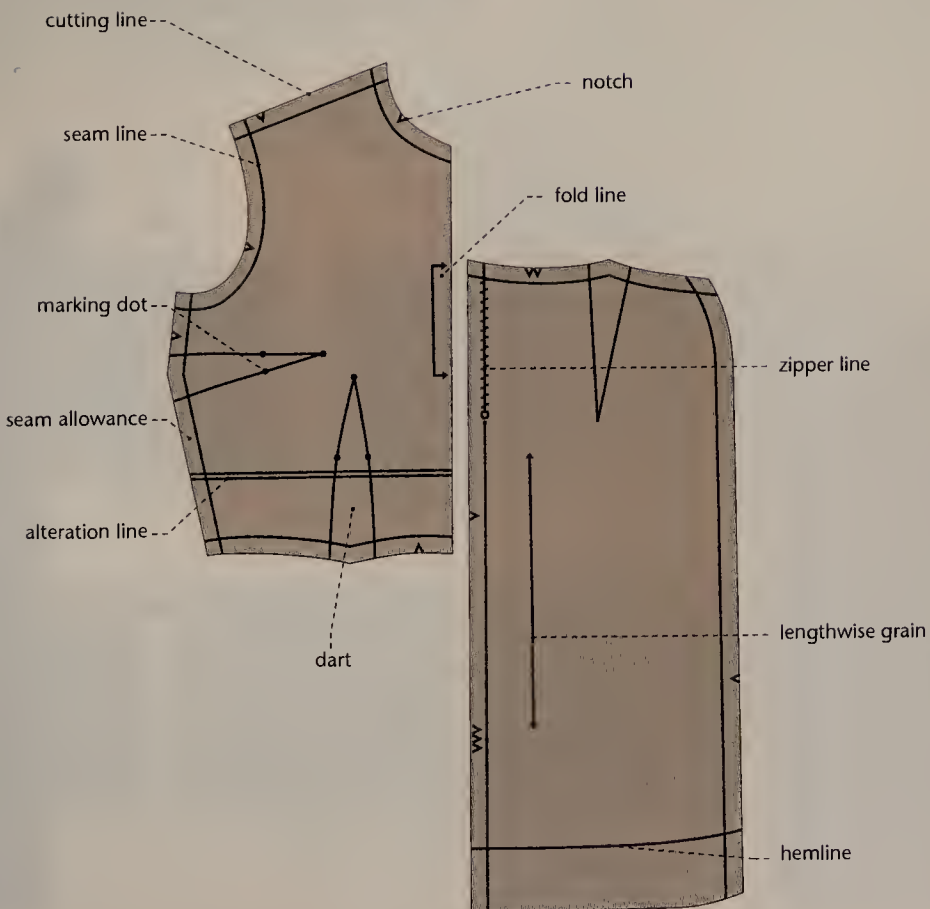
skirt marker



UNDERLYING FABRICS



PATTERN



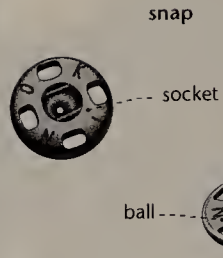
FASTENERS



shank button



sew-through buttons

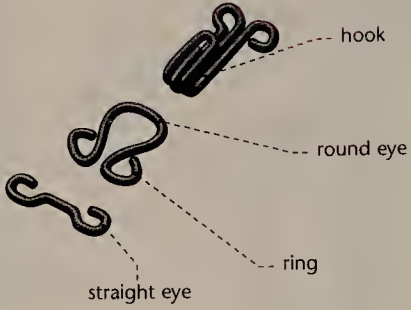


snap

socket

ball

hook and eyes



hook

round eye

ring

straight eye

buckle

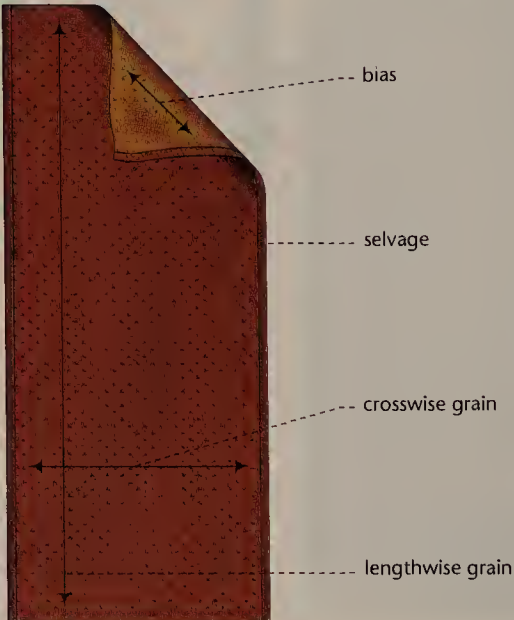


tongue

safety pin



FABRIC STRUCTURE



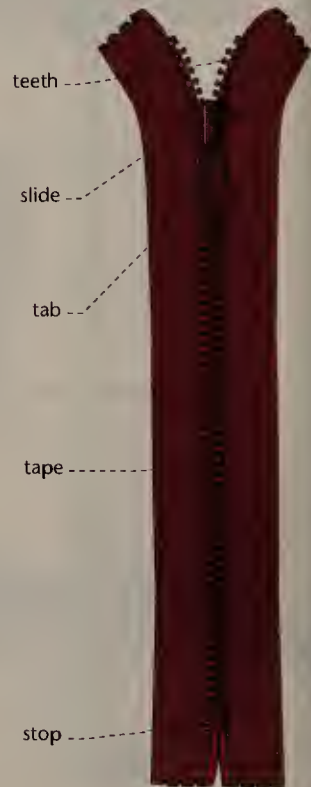
bias

selvage

crosswise grain

lengthwise grain

zipper



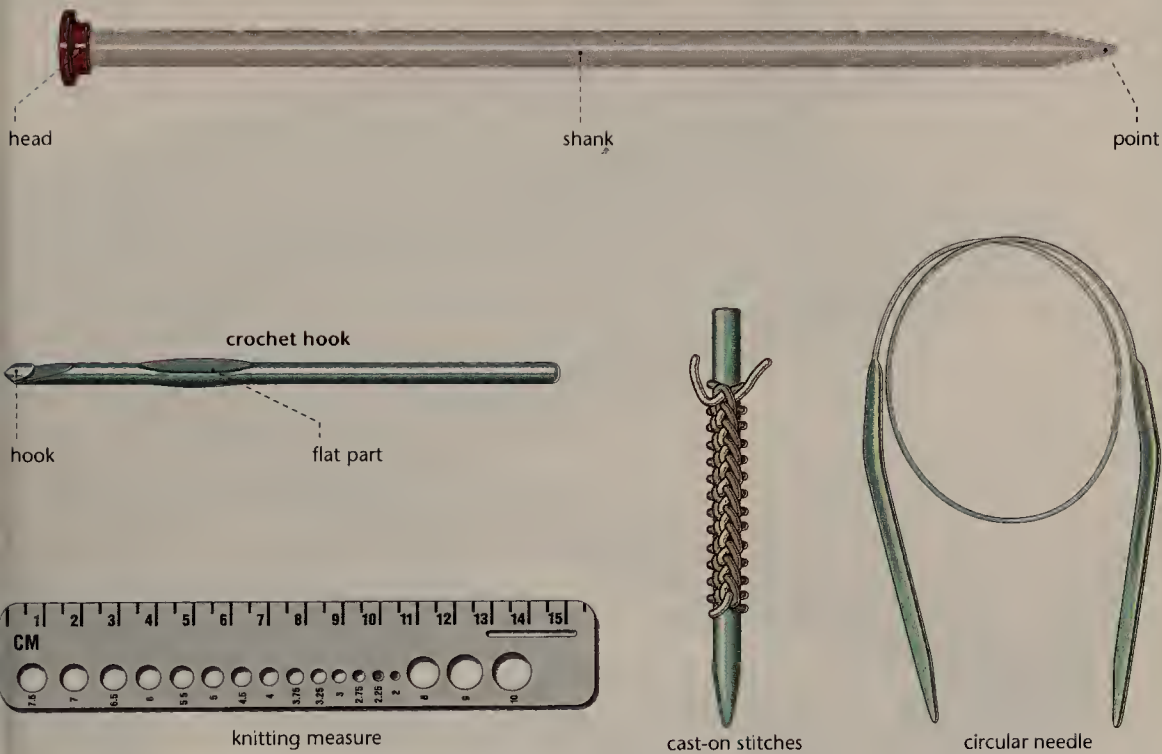
teeth

slide

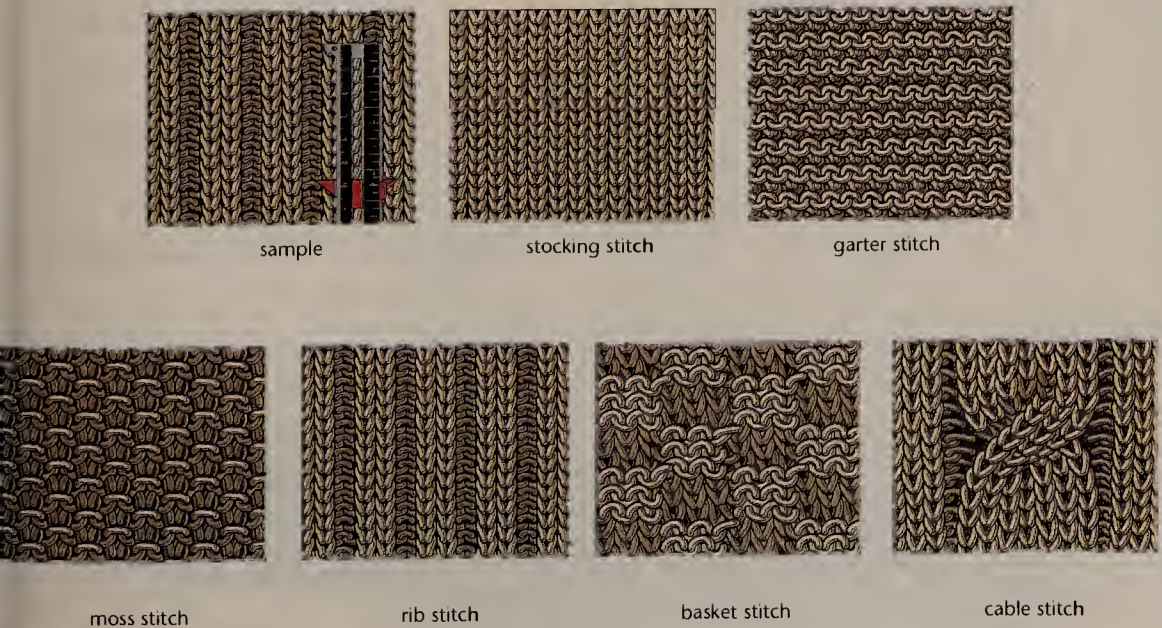
tab

tape

stop

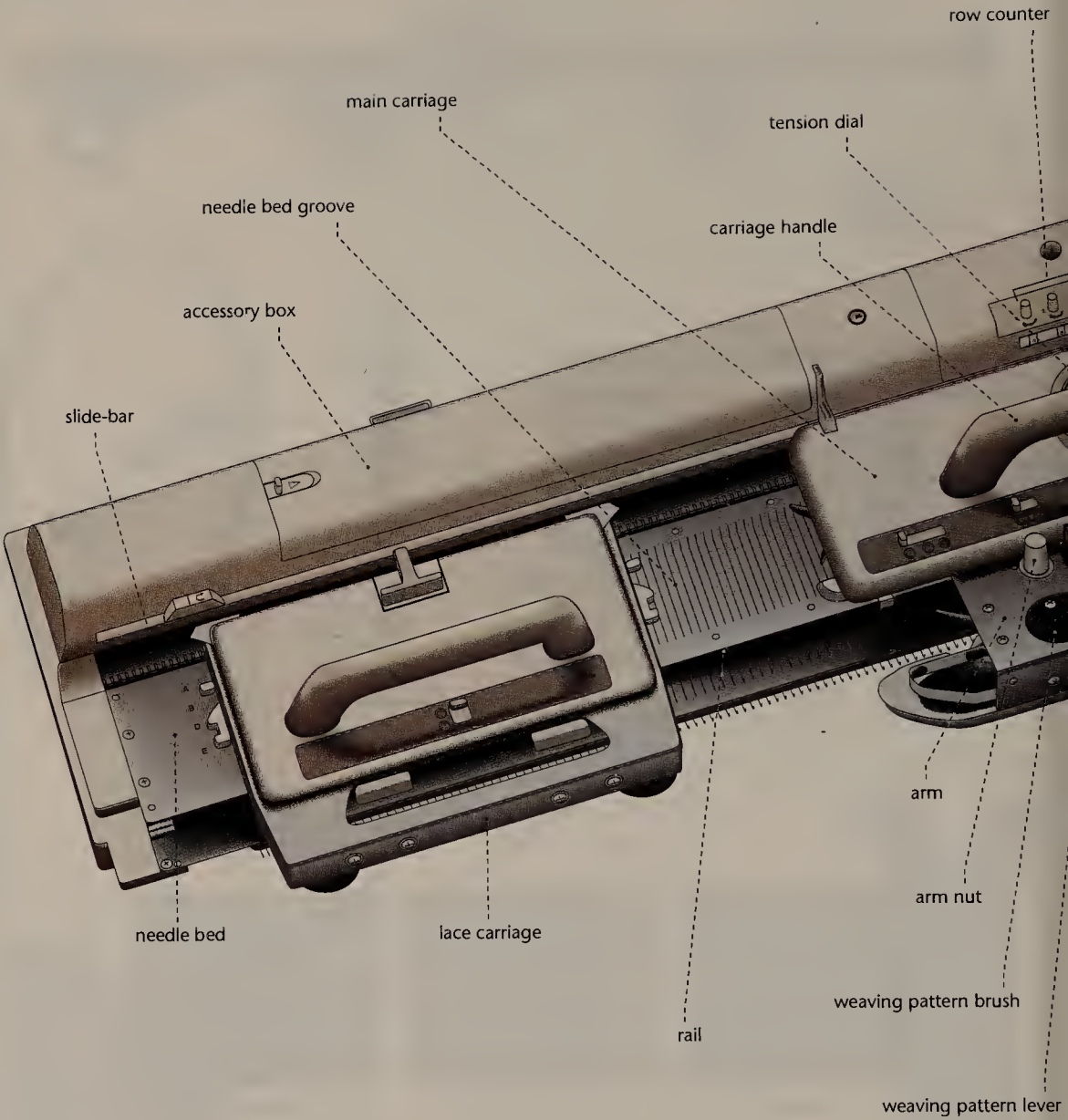


STITCH PATTERNS

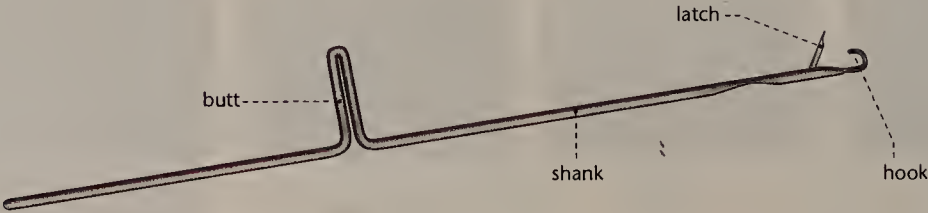


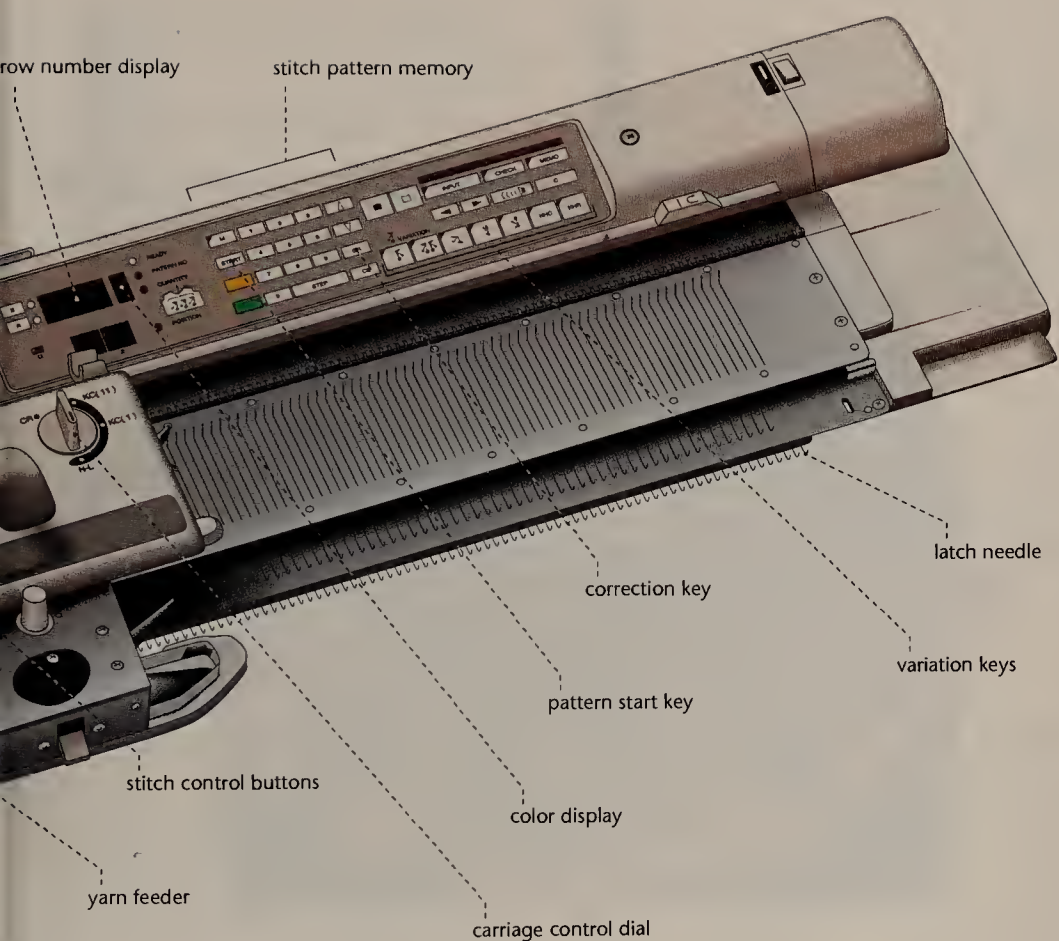
KNITTING MACHINE

NEEDLE BED AND CARRIAGES

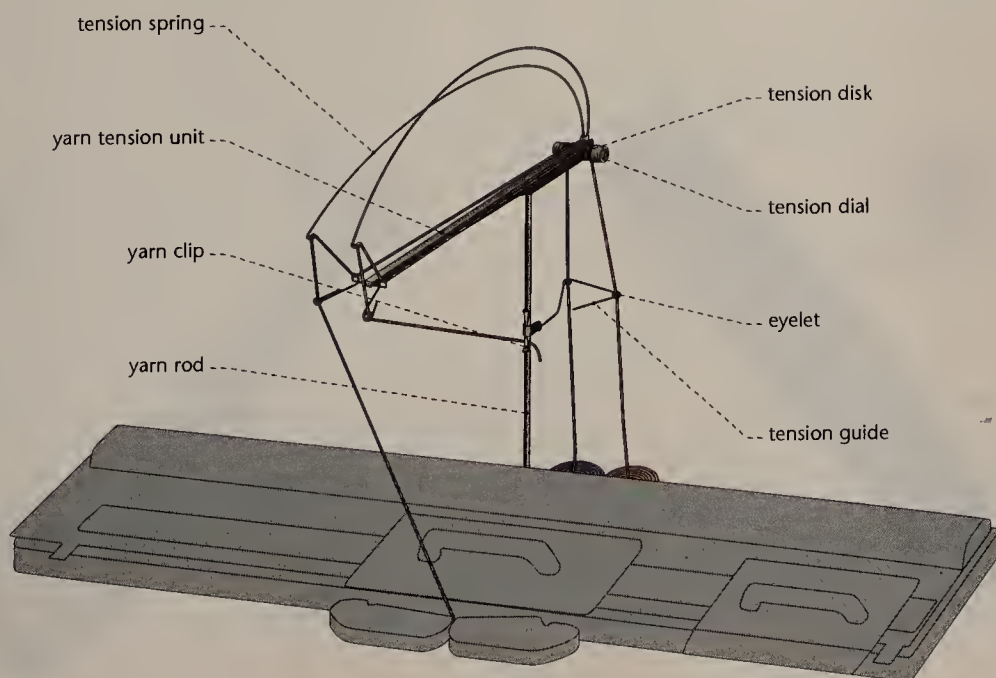


LATCH NEEDLE



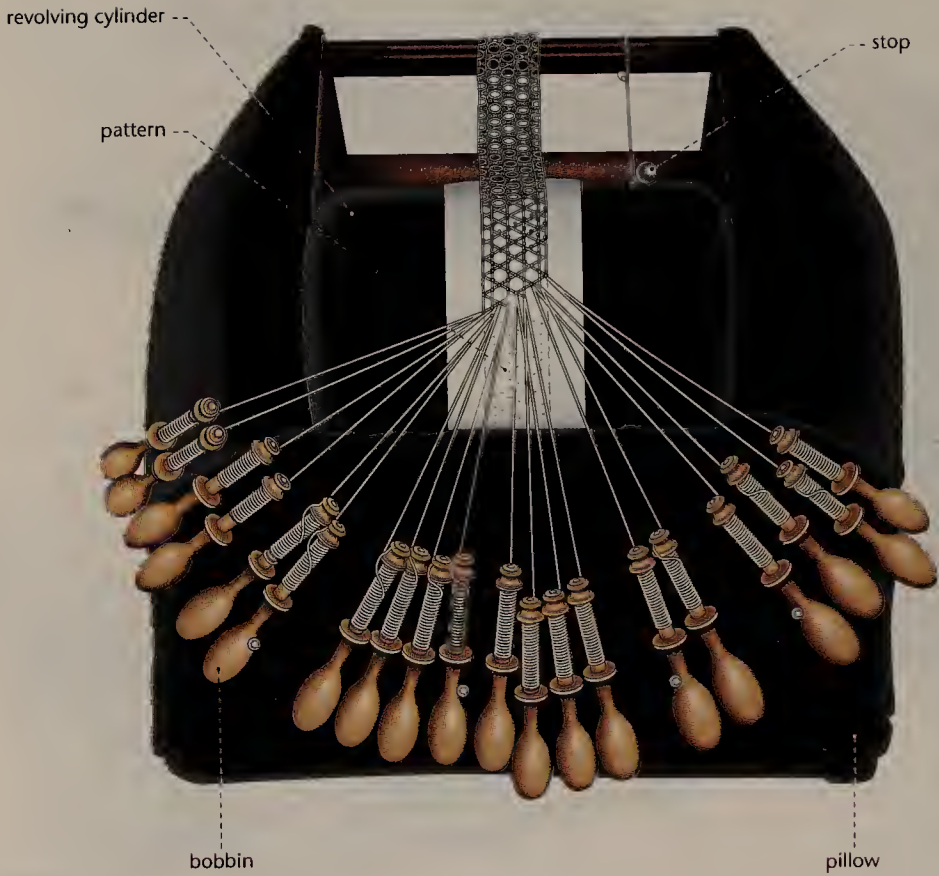


TENSION BLOCK



BOBBIN LACE

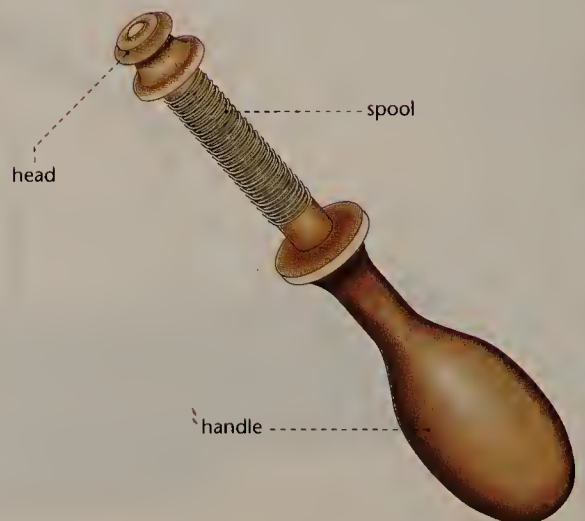
PILLOW

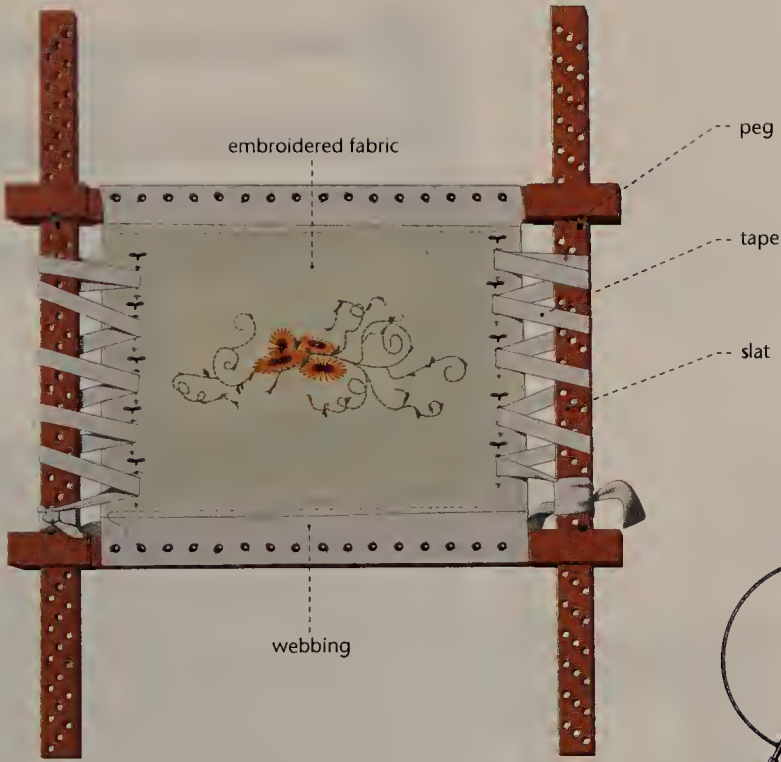


pricker



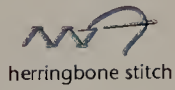
BOBBIN





STITCHES

cross stitches



flat stitches



couched stitches



knot stitches



loop stitches

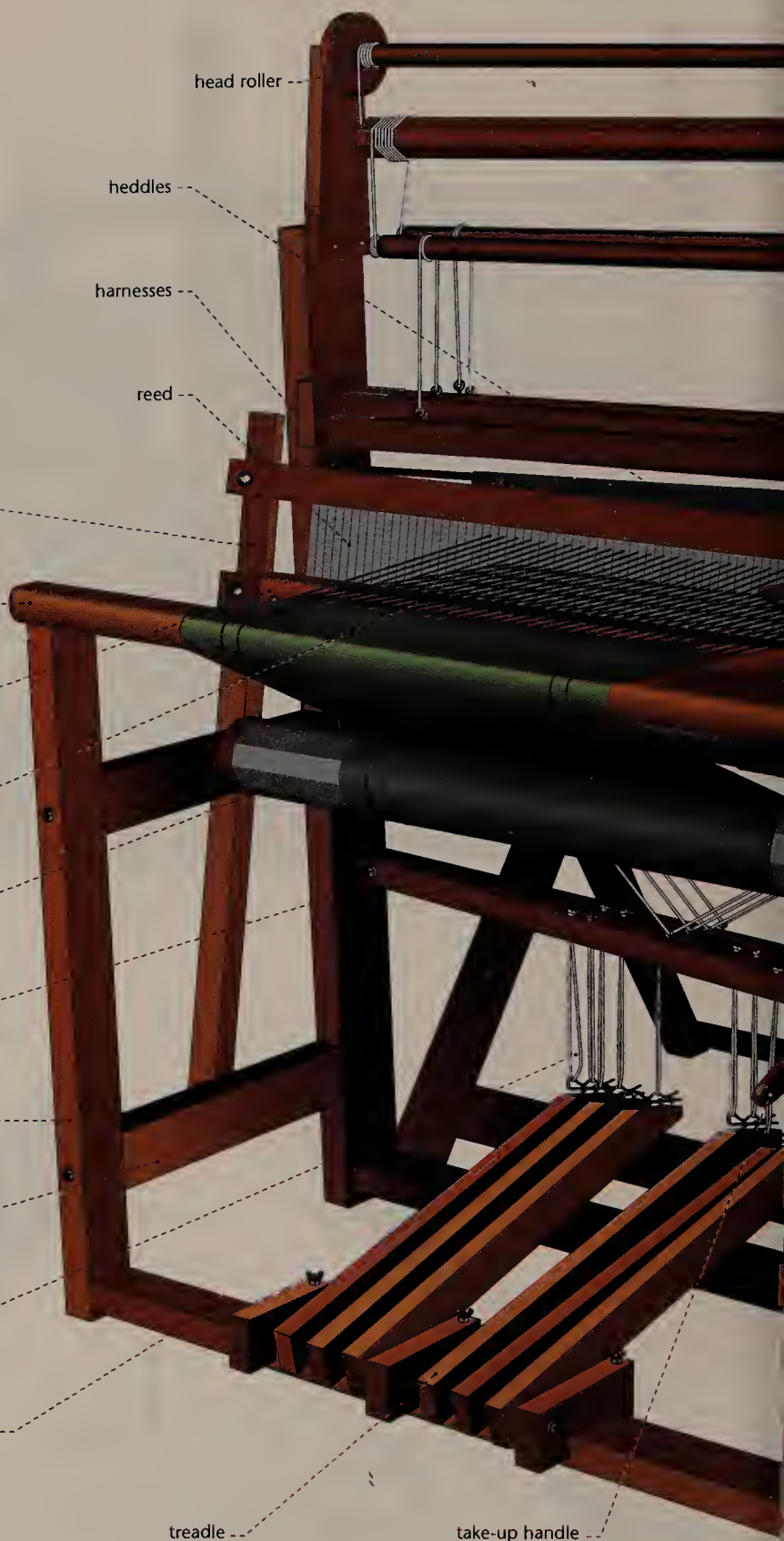


WEAVING

LOW WARP LOOM



frame



head roller

heddles

harnesses

reed

beater

breast beam

beater sley

weft

cloth roller

lam

post

crosspiece

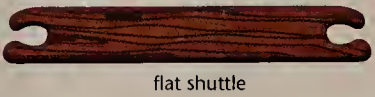
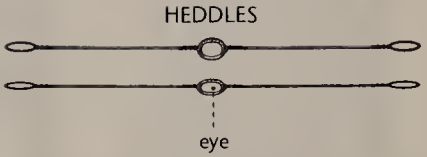
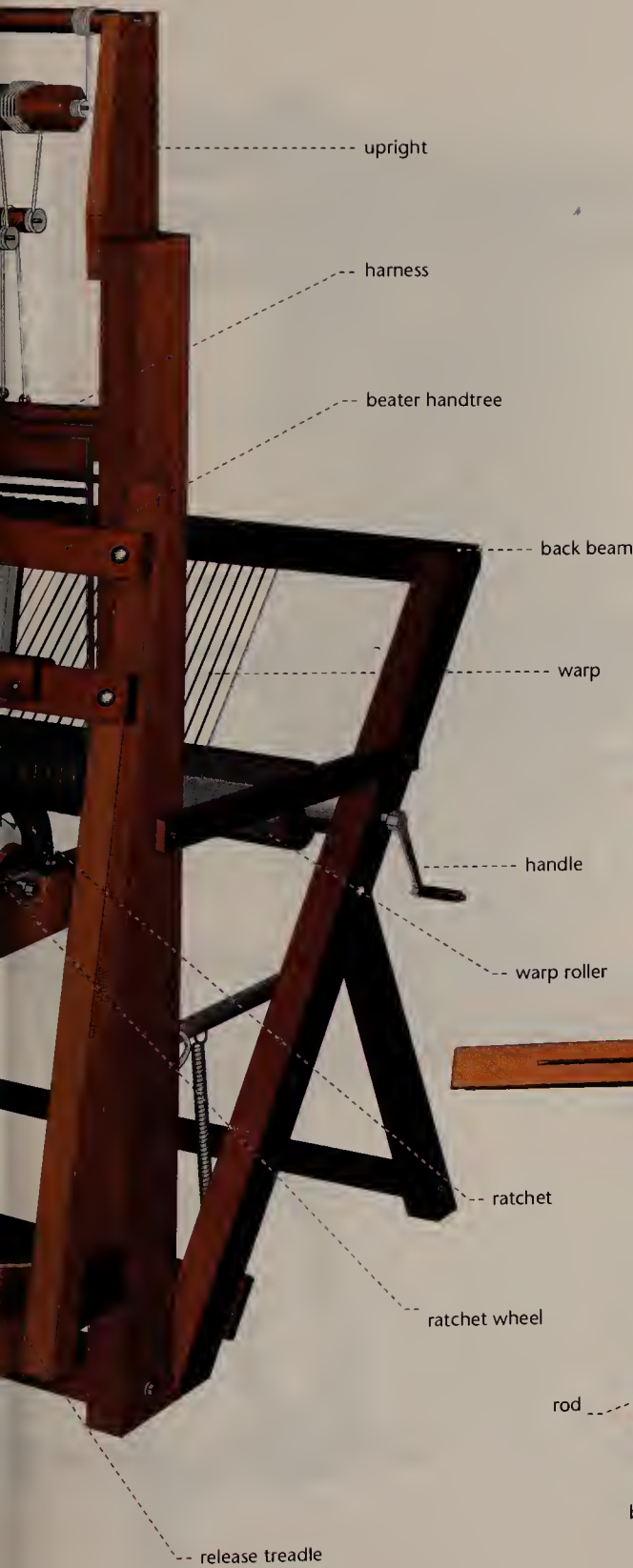
treadle cord

crossbeam

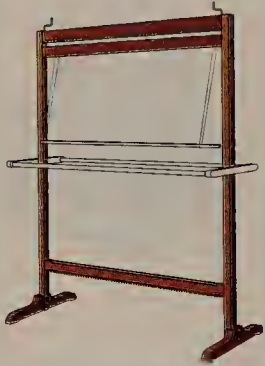
treadle

take-up handle

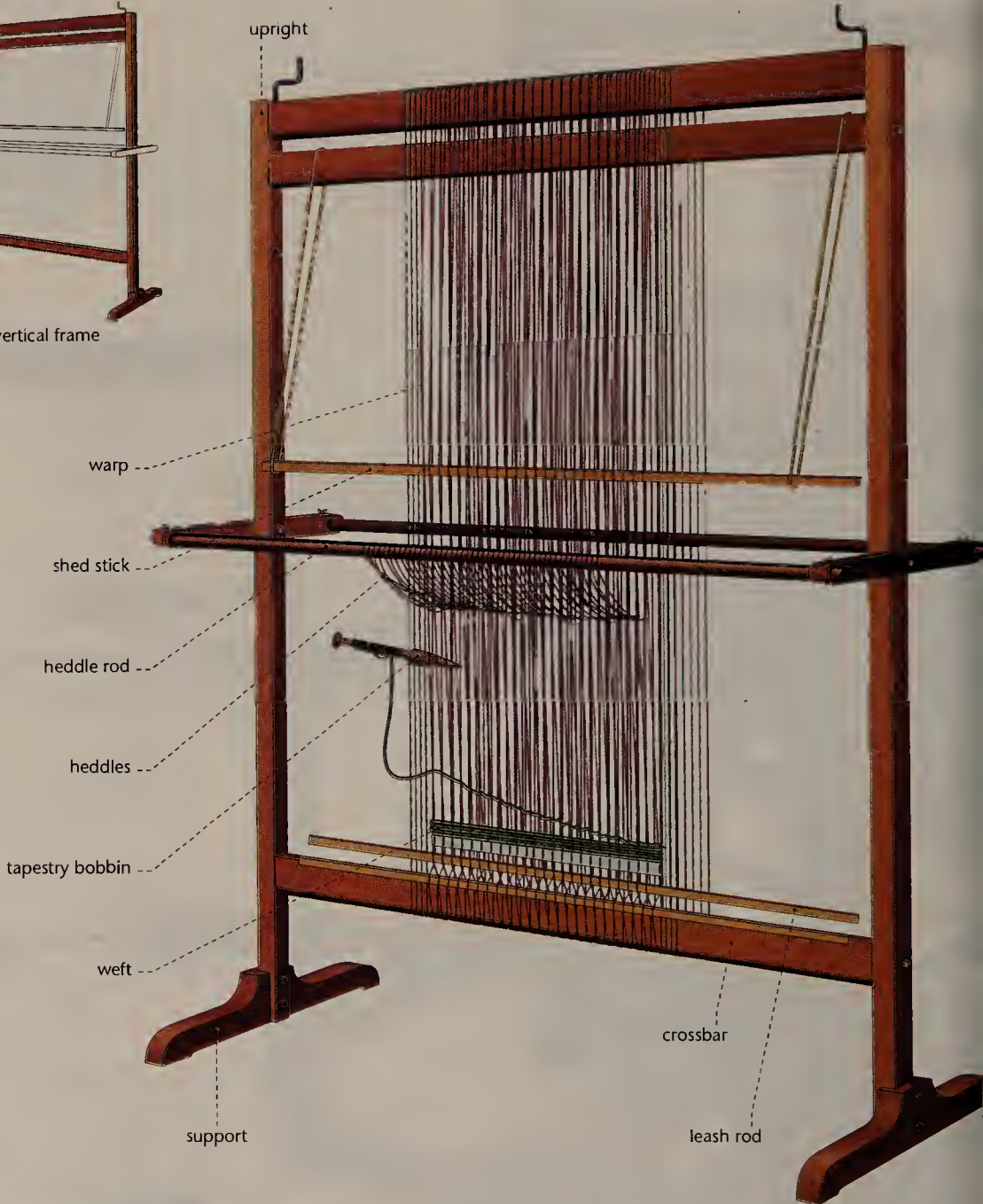
ACCESSORIES



HIGH WARP LOOM



vertical frame



comb



tapestry bobbin

bobbin winder



ball winder

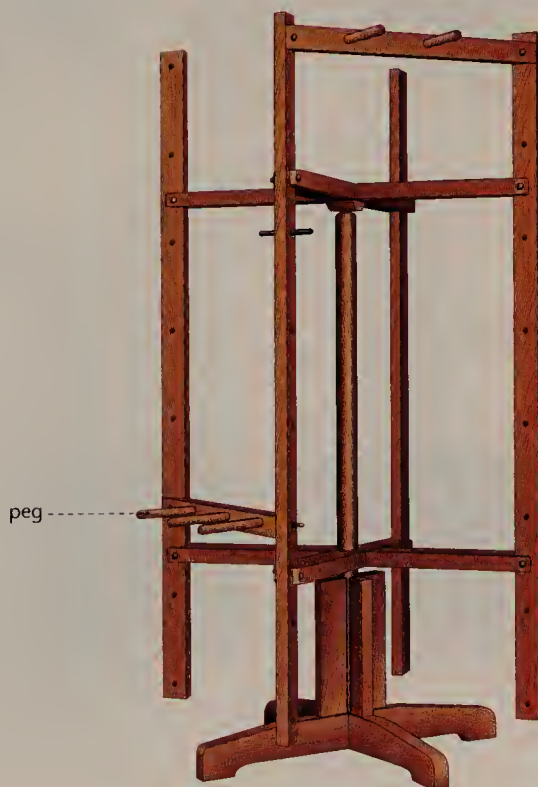


spool rack



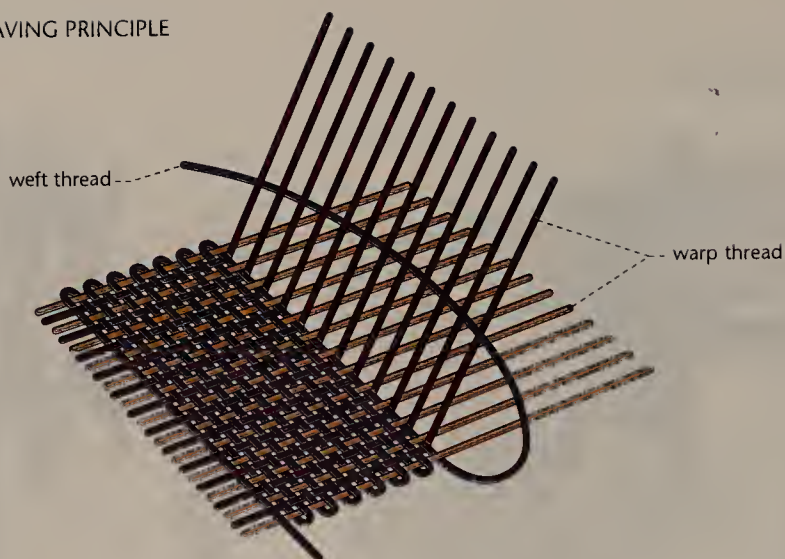
swift

warping frame

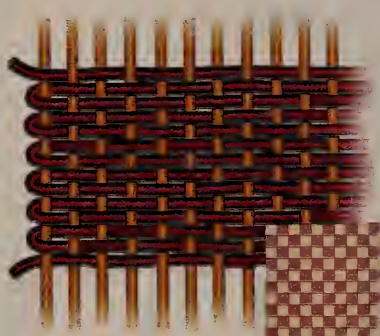


WEAVING

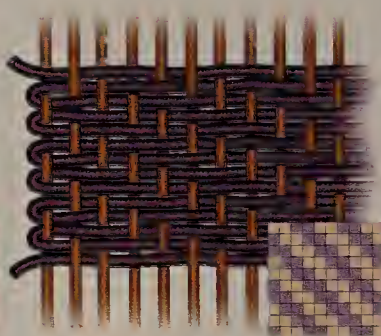
DIAGRAM OF WEAVING PRINCIPLE



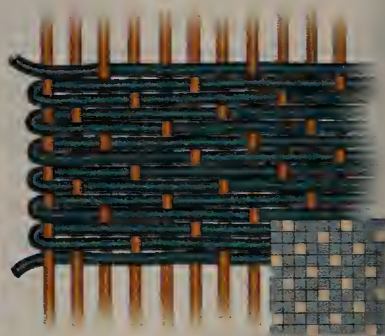
BASIC WEAVES



plain weave

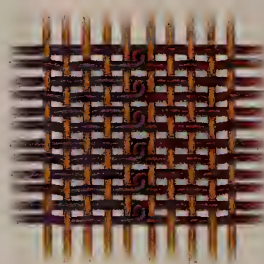


twill weave

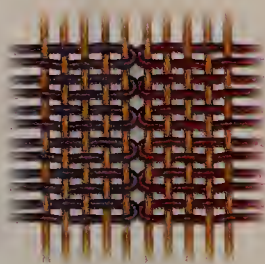


satin weave

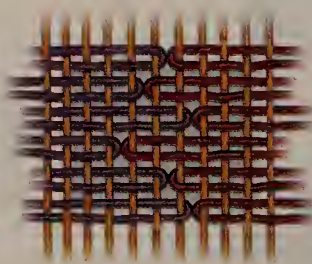
OTHER TECHNIQUES



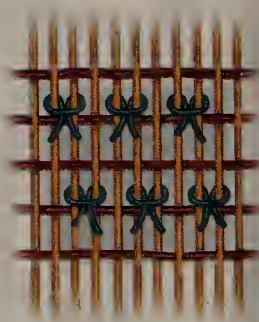
interlock



slit



hatching



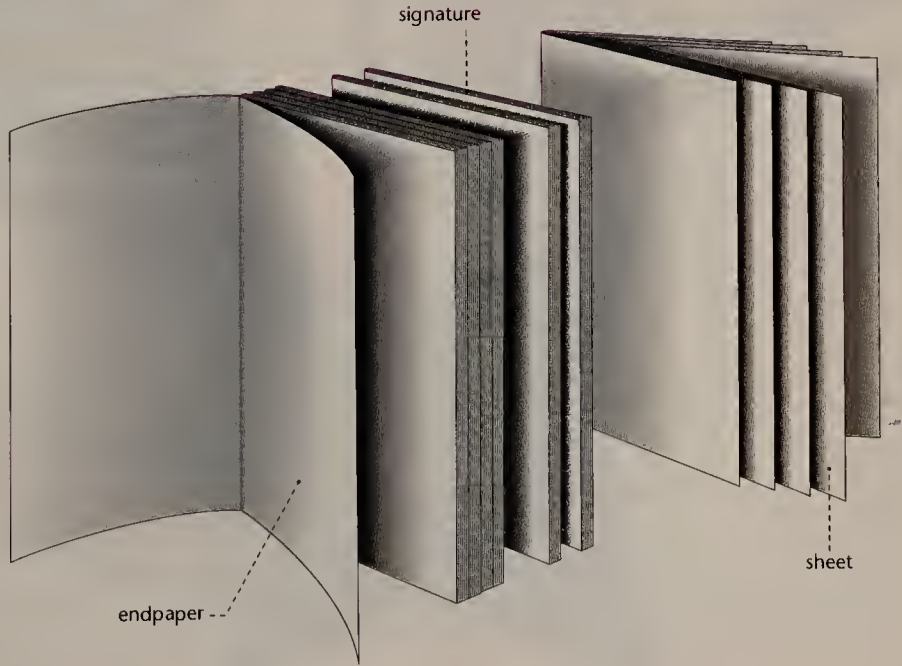
knot

BOUND BOOK

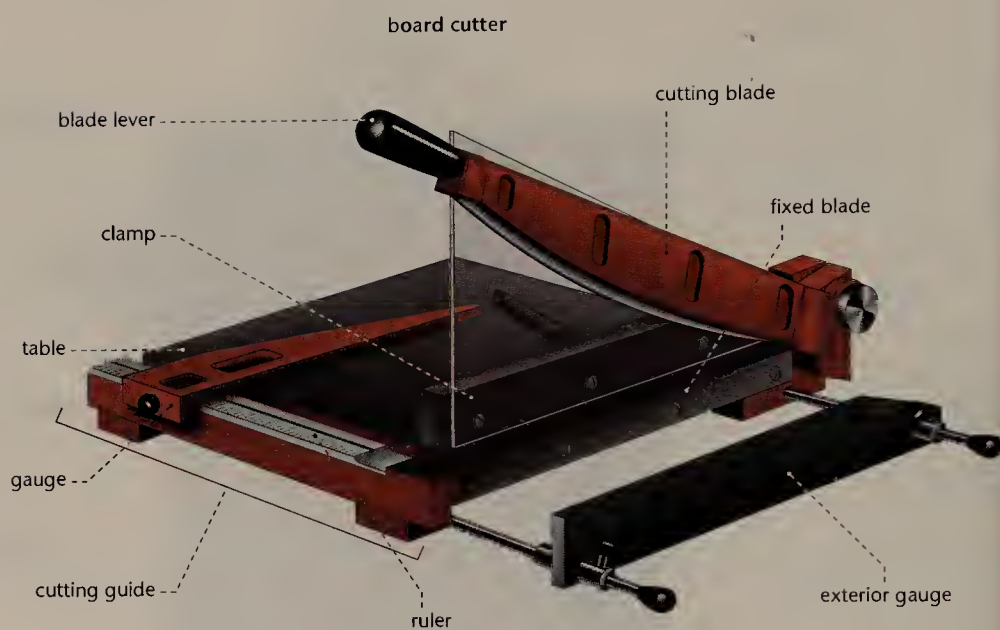


bone folder

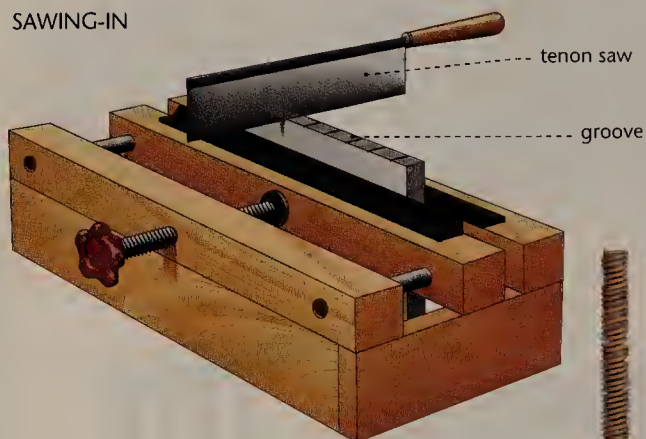
GATHERING



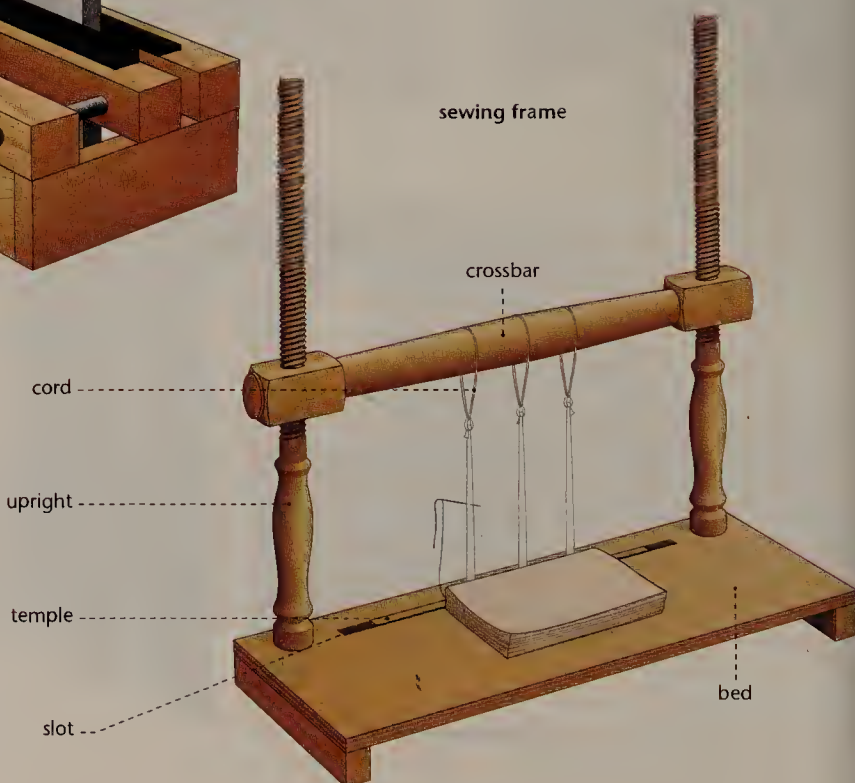
TRIMMING



SAWING-IN

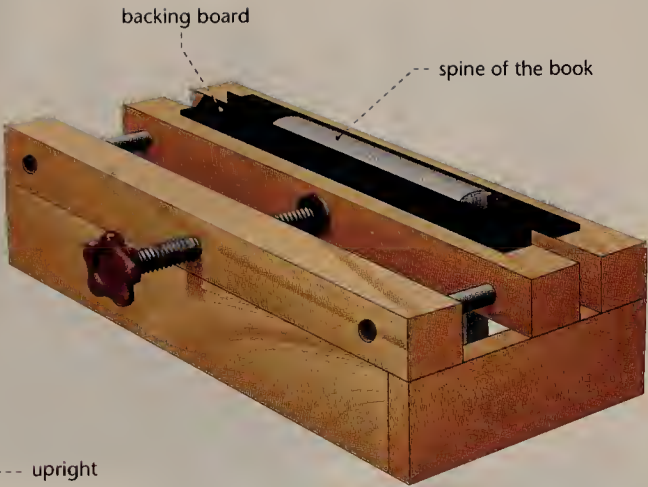


SEWING

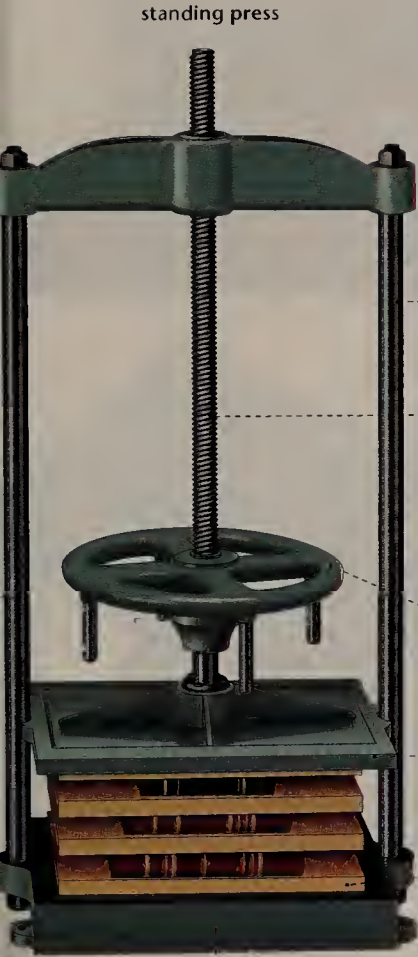


BACKING

BACKING PRESS



PRESSING



BACKING HAMMER



COVERING



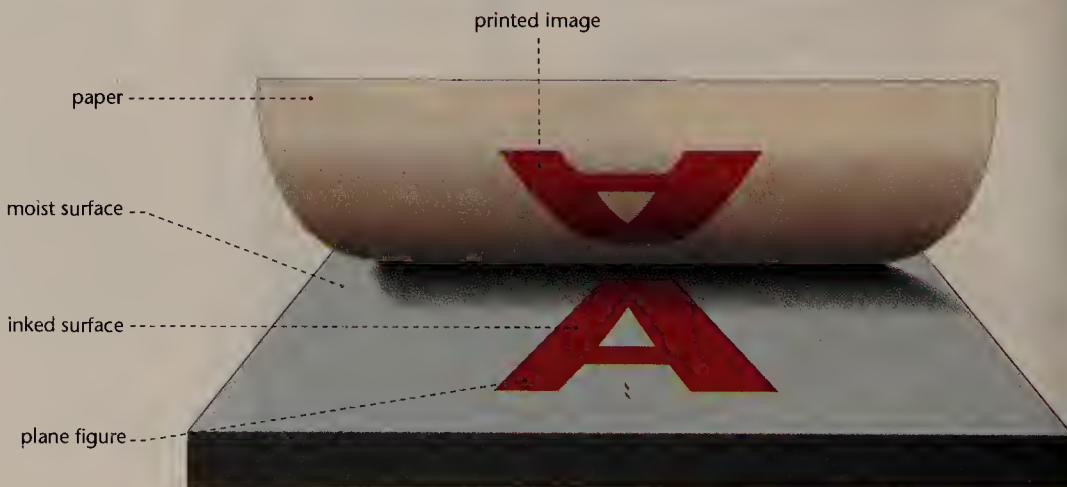
RELIEF PRINTING



INTAGLIO PRINTING



LITHOGRAPHIC PRINTING



RELIEF PRINTING PROCESS

EQUIPMENT



knife



U-shaped gouge



mallet



chisel



block cutter



V-shaped gouge



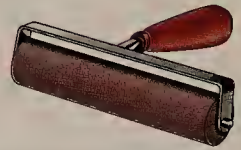
dabber



INKING SLAB



ink



brayer

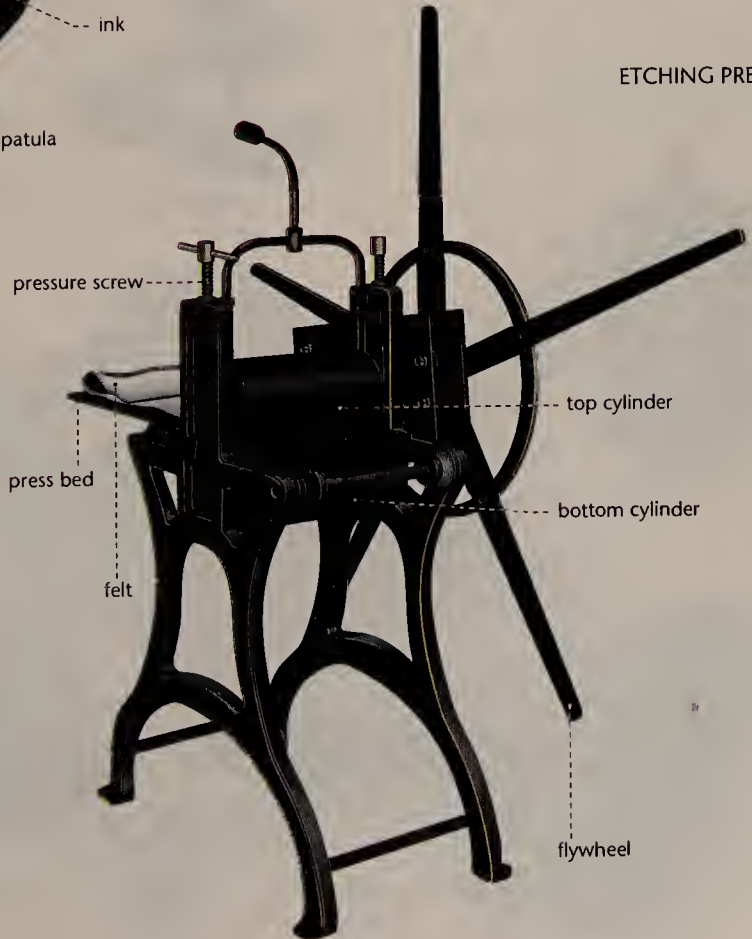
ETCHING PRESS



woodcut



wood engraving



INTAGLIO PRINTING PROCESS

EQUIPMENT



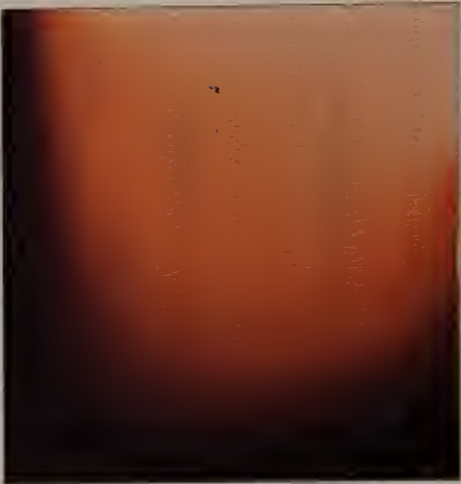
brush



rocking tool



roulette



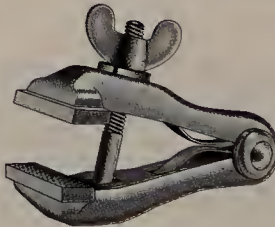
copper plate



dry point



burnisher



hand vice

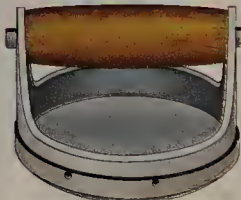


scraper

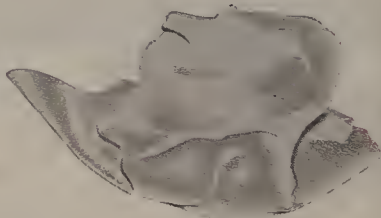


smoking-apparatus

smoking candle



baren



tarlatan



varnish-roller



oilstone

LITHOGRAPHY

EQUIPMENT



litho pencil



litho crayon



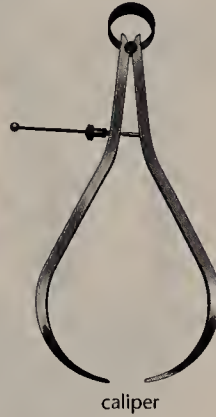
pumice correcting pencil



drypoint



lithographic tusche



caliper



red ocher pencil

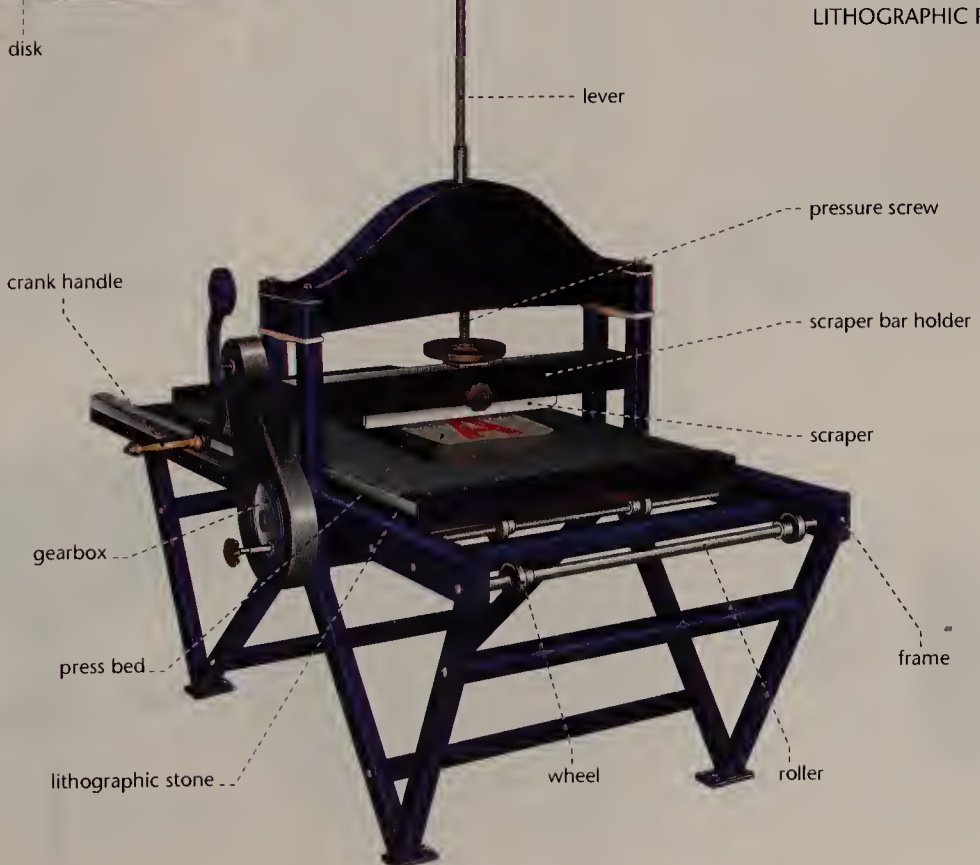
LEVIGATOR



hole

disk

LITHOGRAPHIC PRESS



lever

pressure screw

scraper bar holder

scraper

frame

roller

wheel

lithographic stone

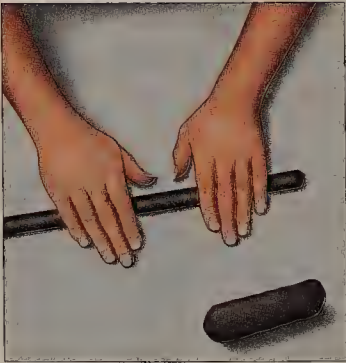
press bed

gearbox

crank handle

POTTERY

TURNING



coiling



slab building

TOOLS



ribs

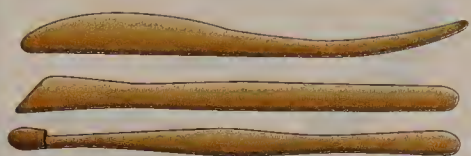


cutting wire



banding wheel

TOOLS



wooden modeling tools



fettling knife



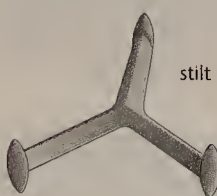
needle tool



trimming tool

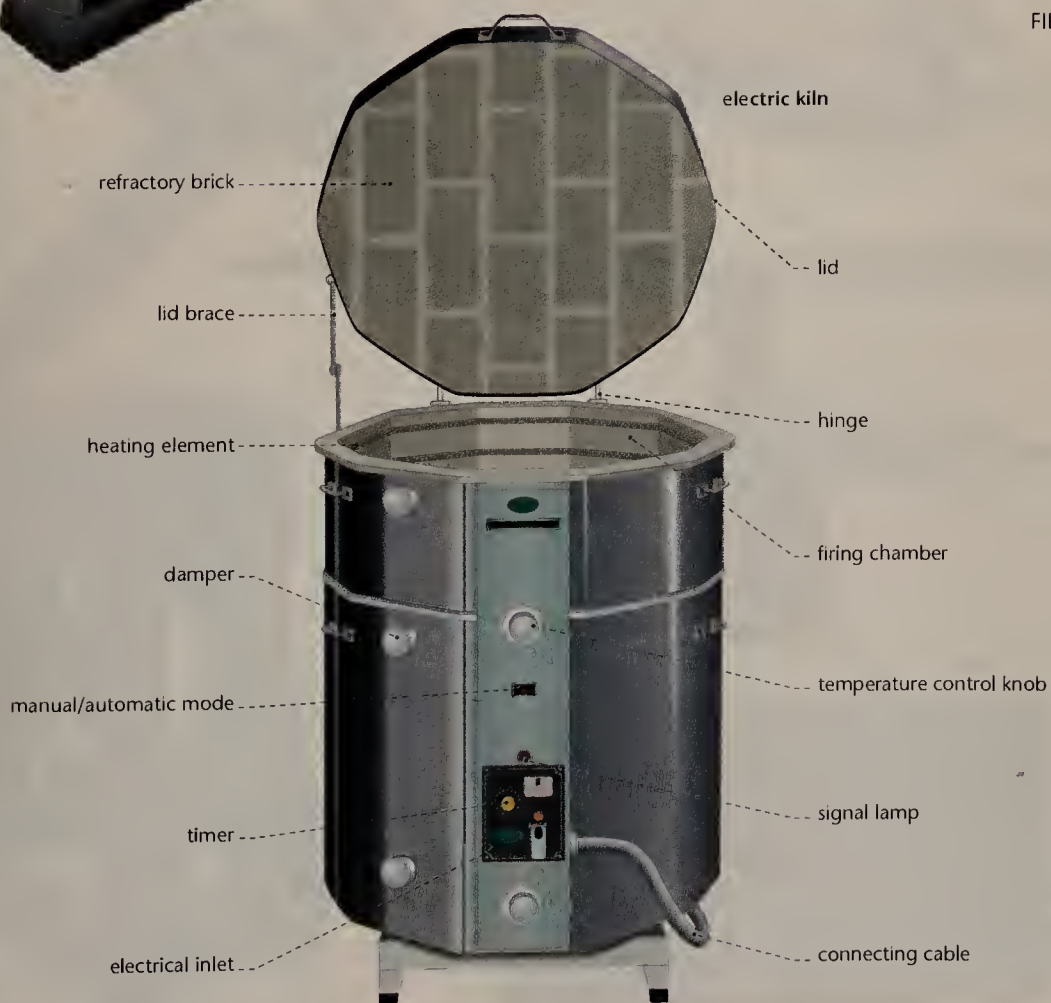


pyrometric cone



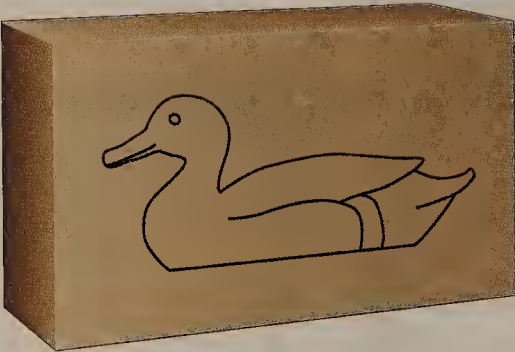
stilt

FIRING

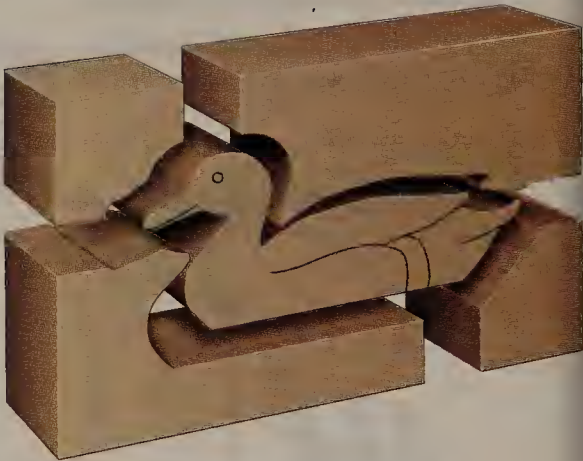


STEPS

drawing



roughing out



carving



finishing



ACCESSORIES

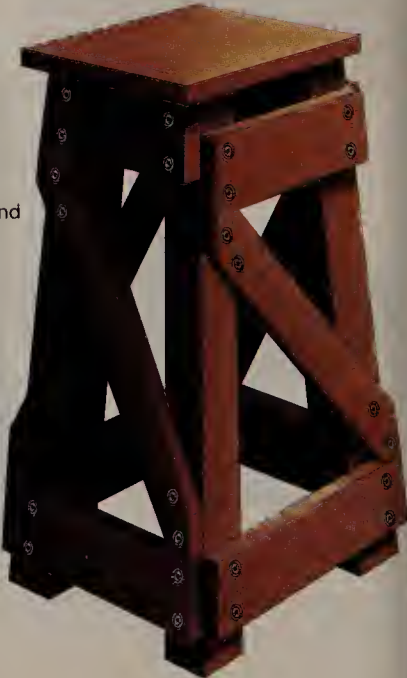
mallet



carver's bench screw



stand



punch and pattern



TYPES OF TOOLS



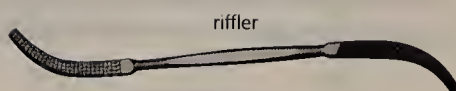
macaroni



fluteroni



adze



riffler



block cutter



knife



firmer chisel



gouge



rasp

MAJOR TYPES OF BLADES



blade with two beveled edges



spoon blade

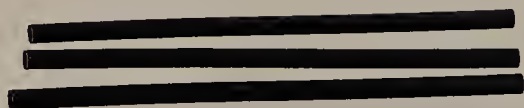


bent blade



straight blade

MAJOR TECHNIQUES



charcoal



oil paint



ink

watercolor and gouache



tube



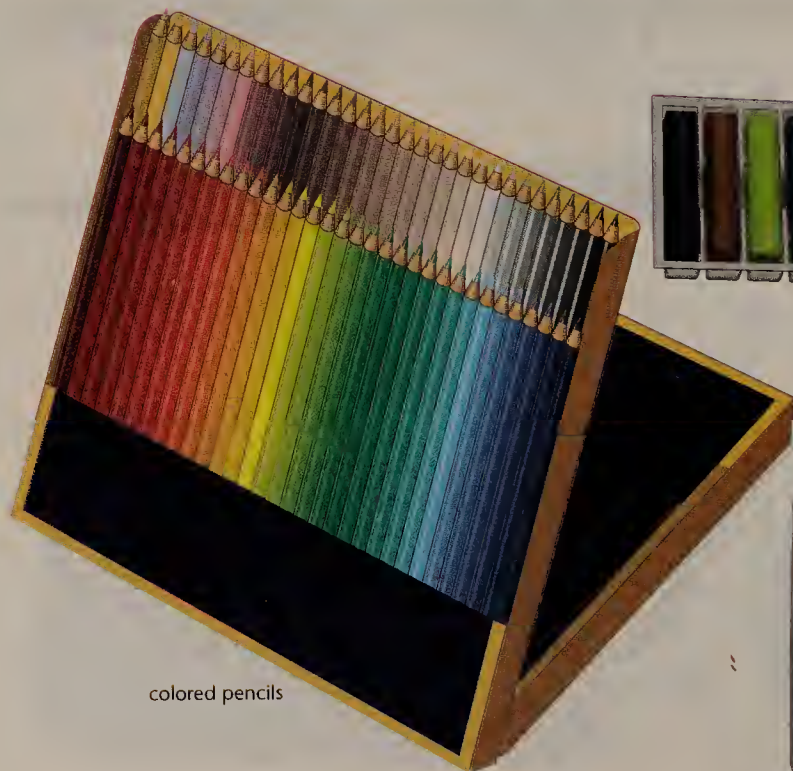
cakes



marker pen



felt tip pen



colored pencils

soft pastel



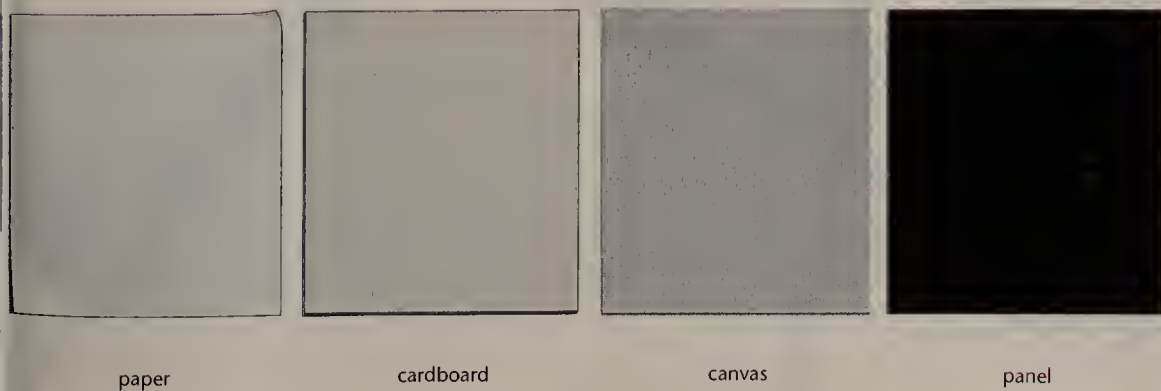
oil pastel



EQUIPMENT



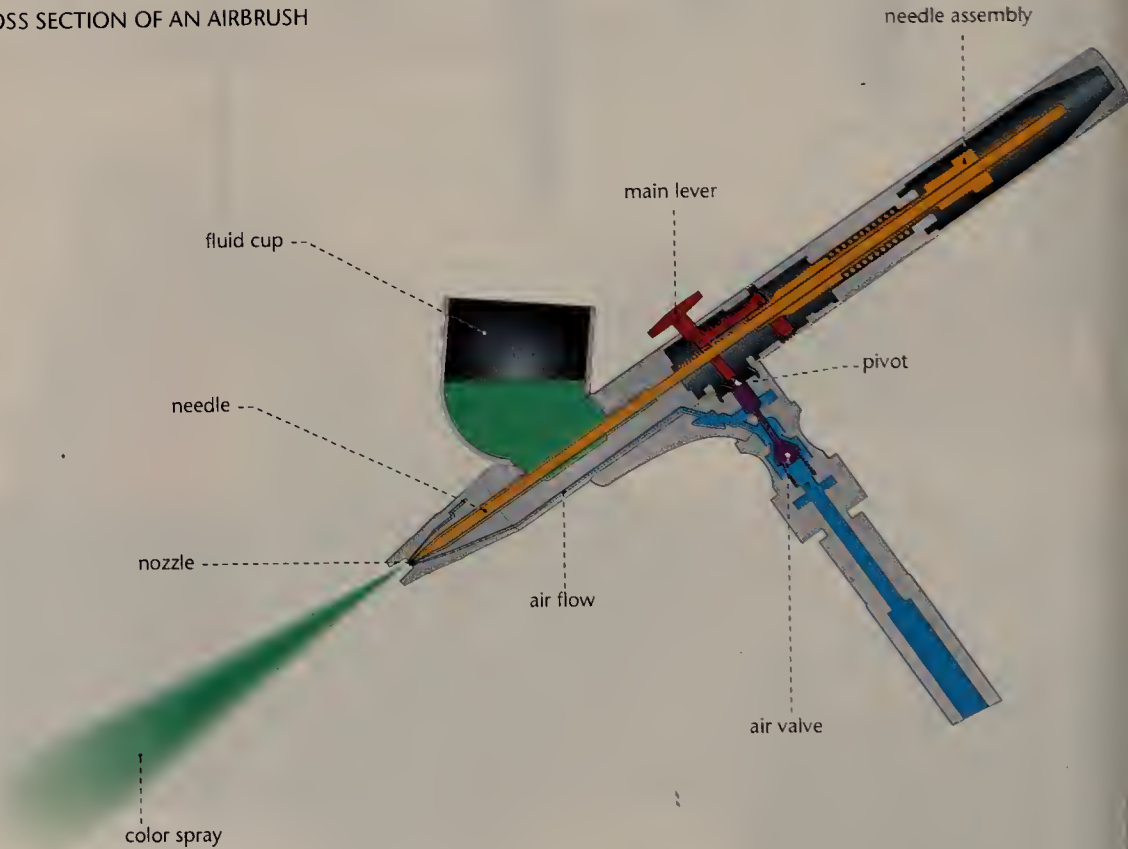
SUPPORTS

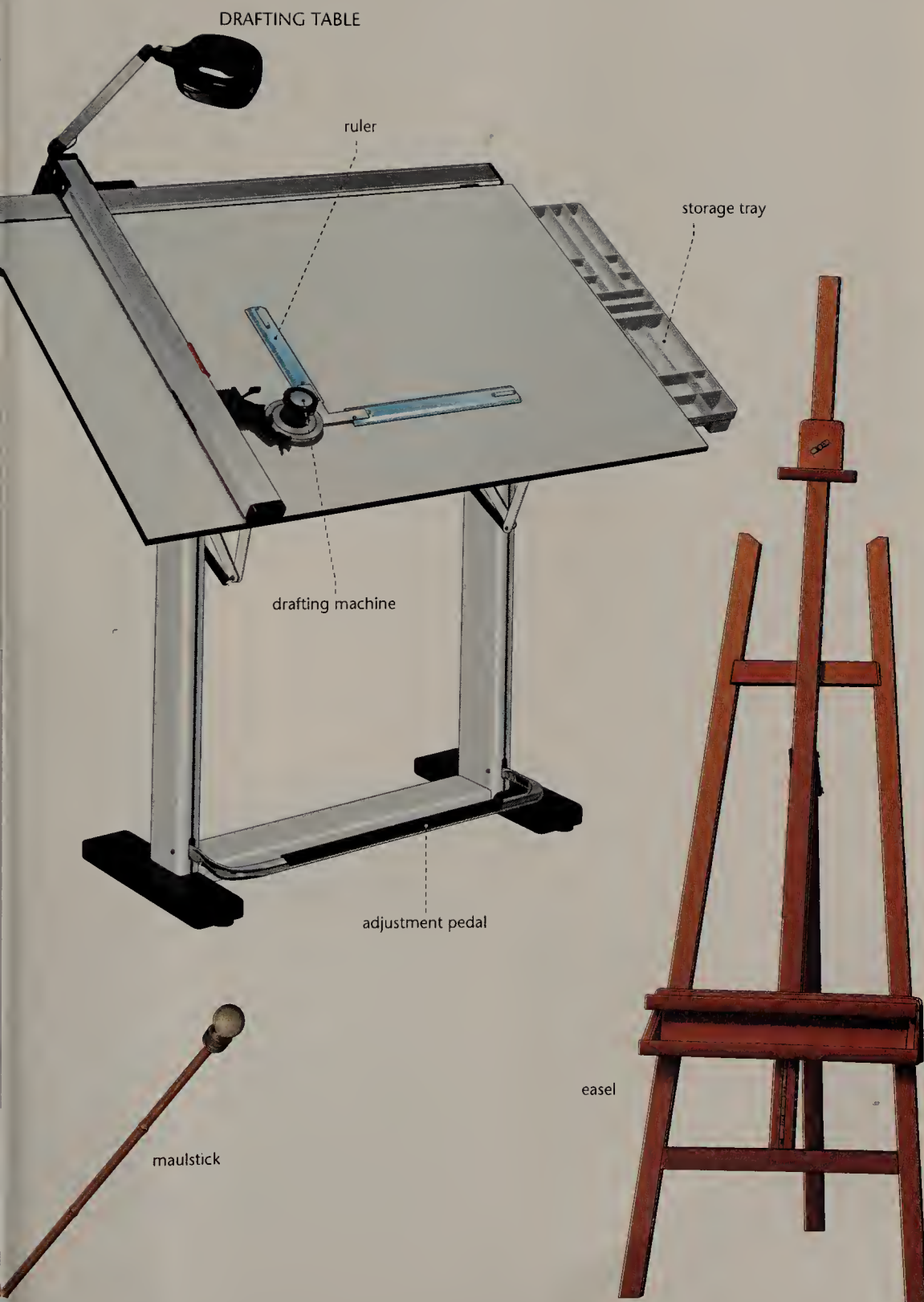


AIRBRUSH



CROSS SECTION OF AN AIRBRUSH





ACCESSORIES



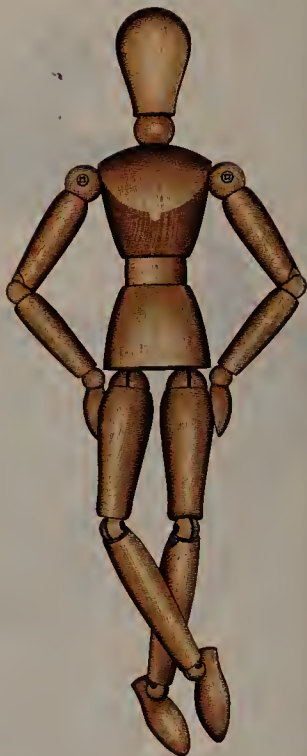
color chart



palette with hollows



palette with dipper



articulated mannequin

UTILITY LIQUIDS



varnish



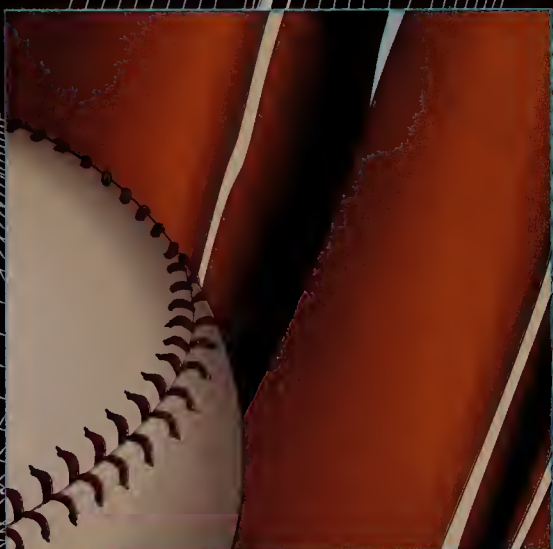
linseed oil



turpentine



fixative



TEAM GAMES

BASEBALL.....	595
CRICKET.....	598
SOCCER.....	600
FOOTBALL.....	602
RUGBY.....	606
FIELD HOCKEY.....	607
ICE HOCKEY.....	608
BASKETBALL.....	610
NETBALL.....	611
HANDBALL.....	612
VOLLEYBALL.....	613
TENNIS.....	614
SQUASH.....	616
RACQUETBALL.....	617
BADMINTON.....	618
TABLE TENNIS.....	619
CURLING.....	620

WATER SPORTS

SWIMMING.....	621
DIVING.....	624
WATER POLO.....	626
SCUBA DIVING.....	627
SAILING.....	628
SAILBOARD.....	631
ROWING AND SCULLING.....	632
WATER SKIING.....	633

AERIAL SPORTS

BALLOONING.....	634
SKY DIVING.....	635
PARAGLIDING.....	636
HANG GLIDING.....	637
GLIDING.....	638

WINTER SPORTS

ALPINE SKIING.....	640
CROSS-COUNTRY SKIING.....	642
BOBSLED.....	643
LUGE.....	643
SKATING.....	644
ROLLER SKATE.....	645
SNOWSHOE.....	645

EQUESTRIAN SPORTS

RIDING.....	646
TYPES OF BITS.....	650
HORSE RACING.....	651
HARNESS RACING.....	652

ATHLETICS

TRACK AND FIELD ATHLETICS.....	654
GYMNASTICS.....	659
WEIGHTLIFTING.....	662
FITNESS EQUIPMENT.....	663

COMBAT SPORTS

FENCING.....	666
JUDO.....	668
BOXING.....	669

LEISURE SPORTS

FISHING.....	670
BILLIARDS.....	673
GOLF.....	676
MOUNTAINEERING.....	680
BOWLS AND PETANQUE.....	682
BOWLING.....	683
ARCHERY.....	684

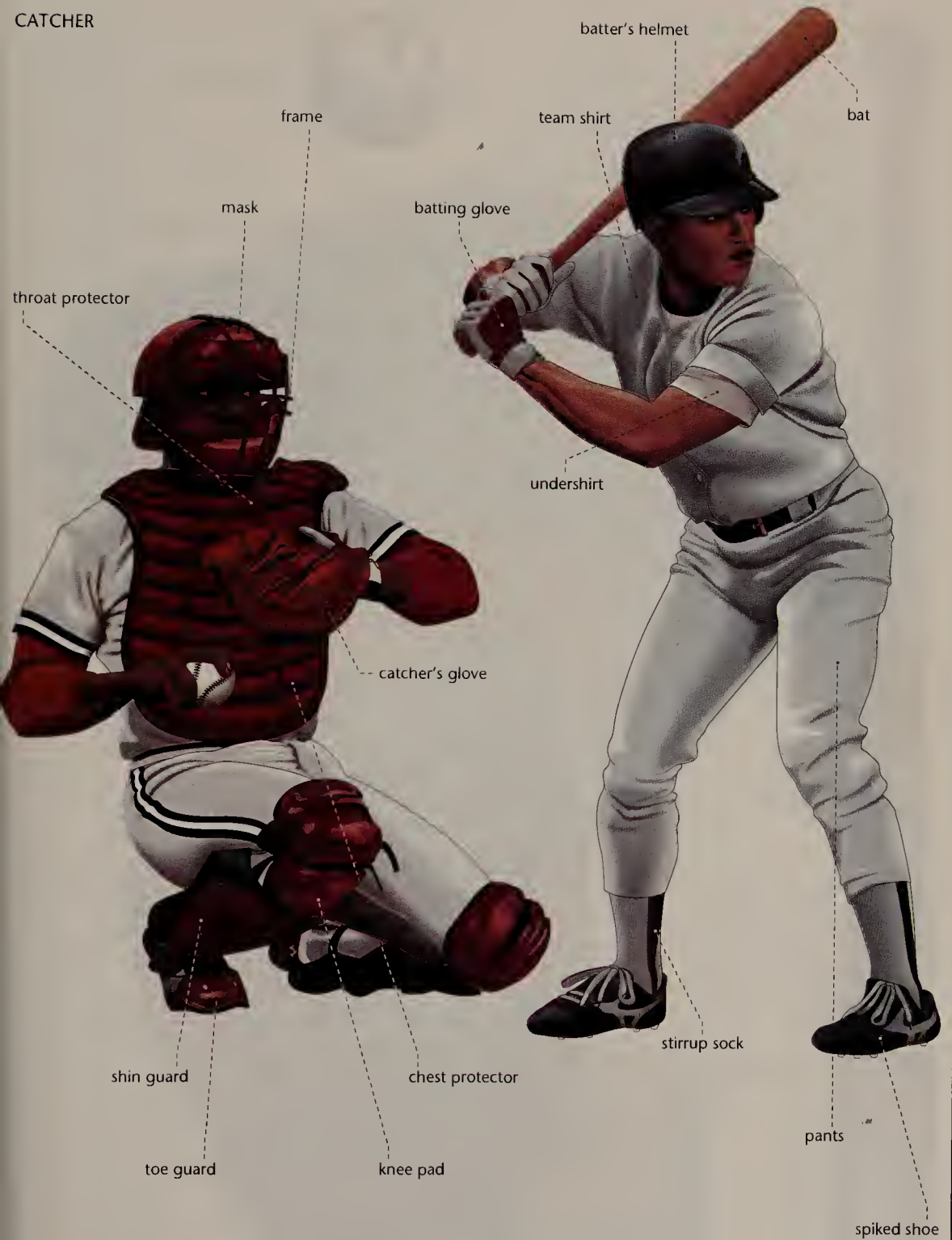
CAMPING

CAMPING.....	685
KNOTS.....	691
CABLE.....	692

BASEBALL

BATTER

CATCHER

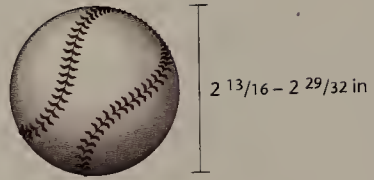


BASEBALL

BAT



BASEBALL

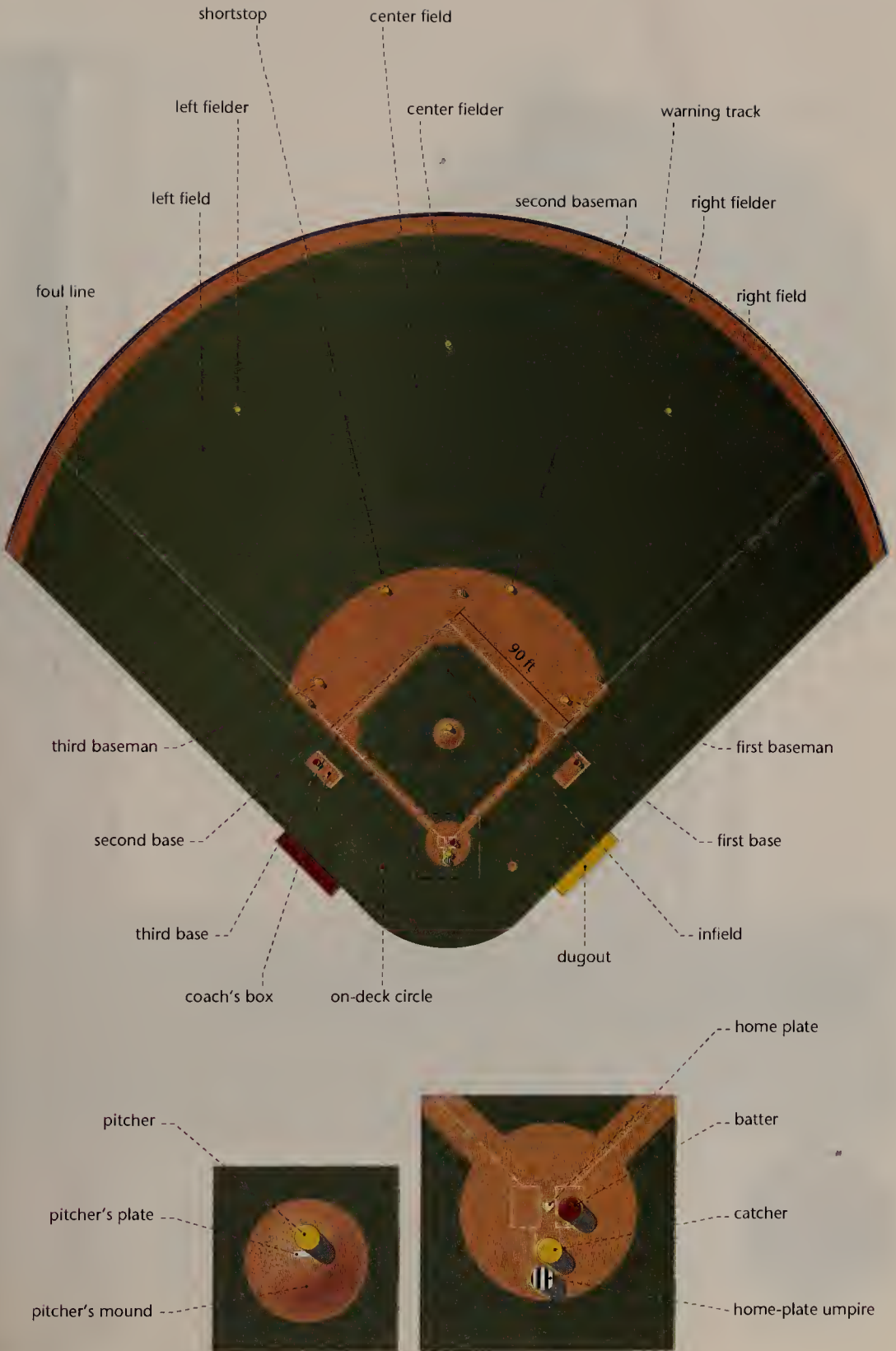


BASEBALL, CROSS SECTION



FIELDER'S GLOVE



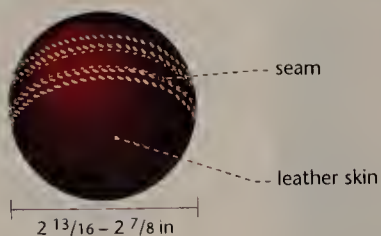


CRICKET

CRICKET PLAYER



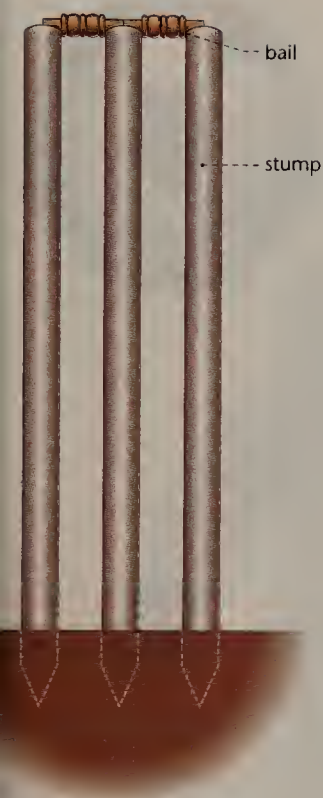
CRICKET BALL



BAT



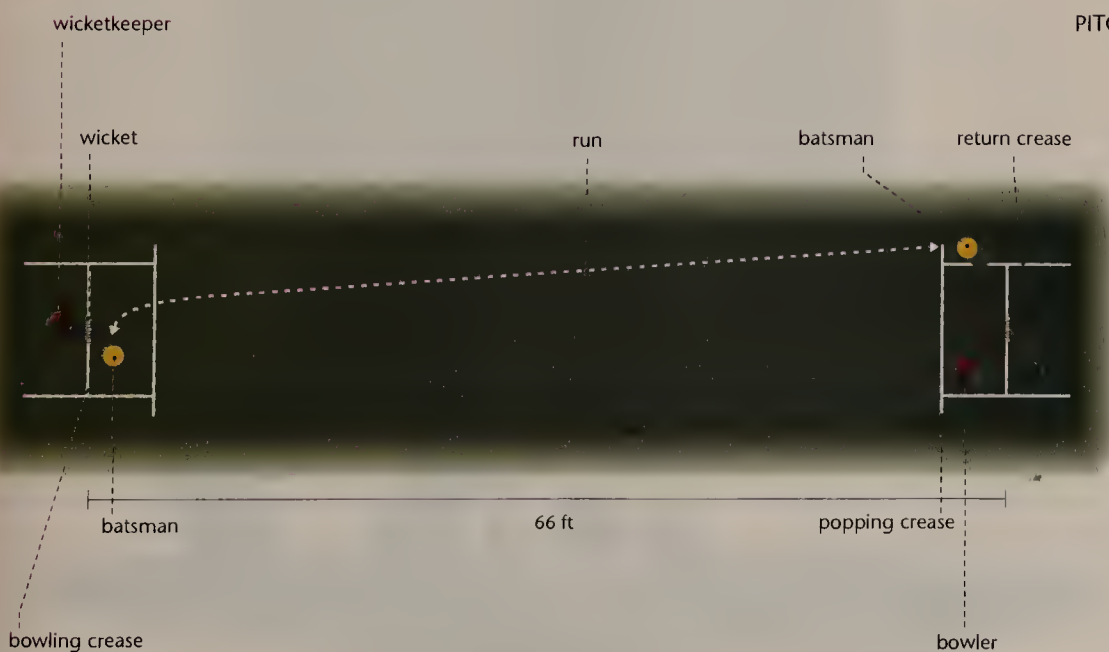
WICKET



FIELD



PITCH



SOCCER

SOCCER PLAYER

SOCCER BALL



team shirt

8 1/2 in

shorts

shin guard

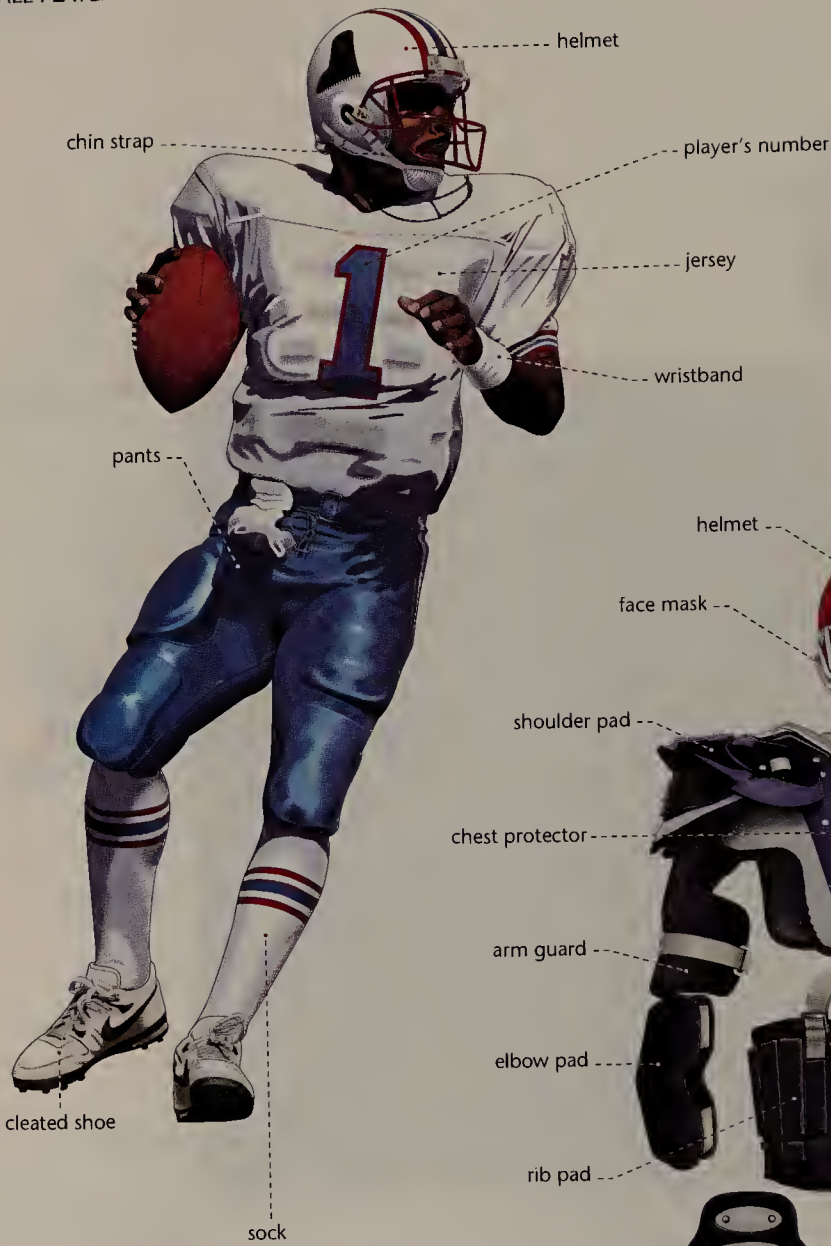
soccer shoe

interchangeable studs



FOOTBALL

FOOTBALL PLAYER

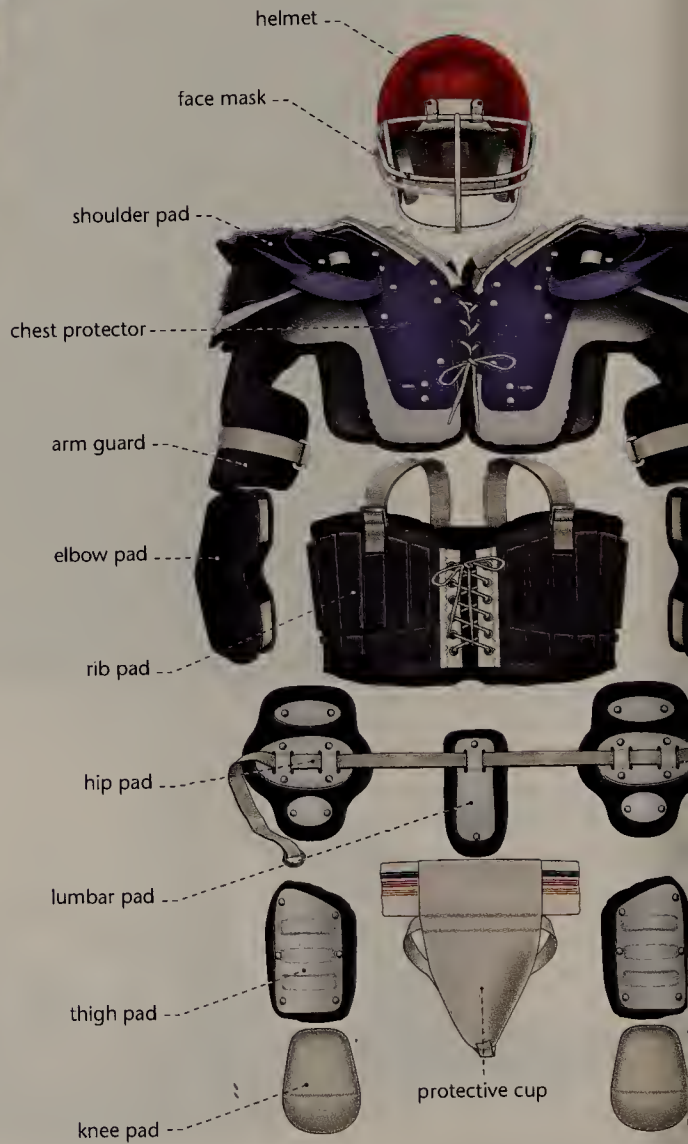


FOOTBALL



11 - 11 1/4 in

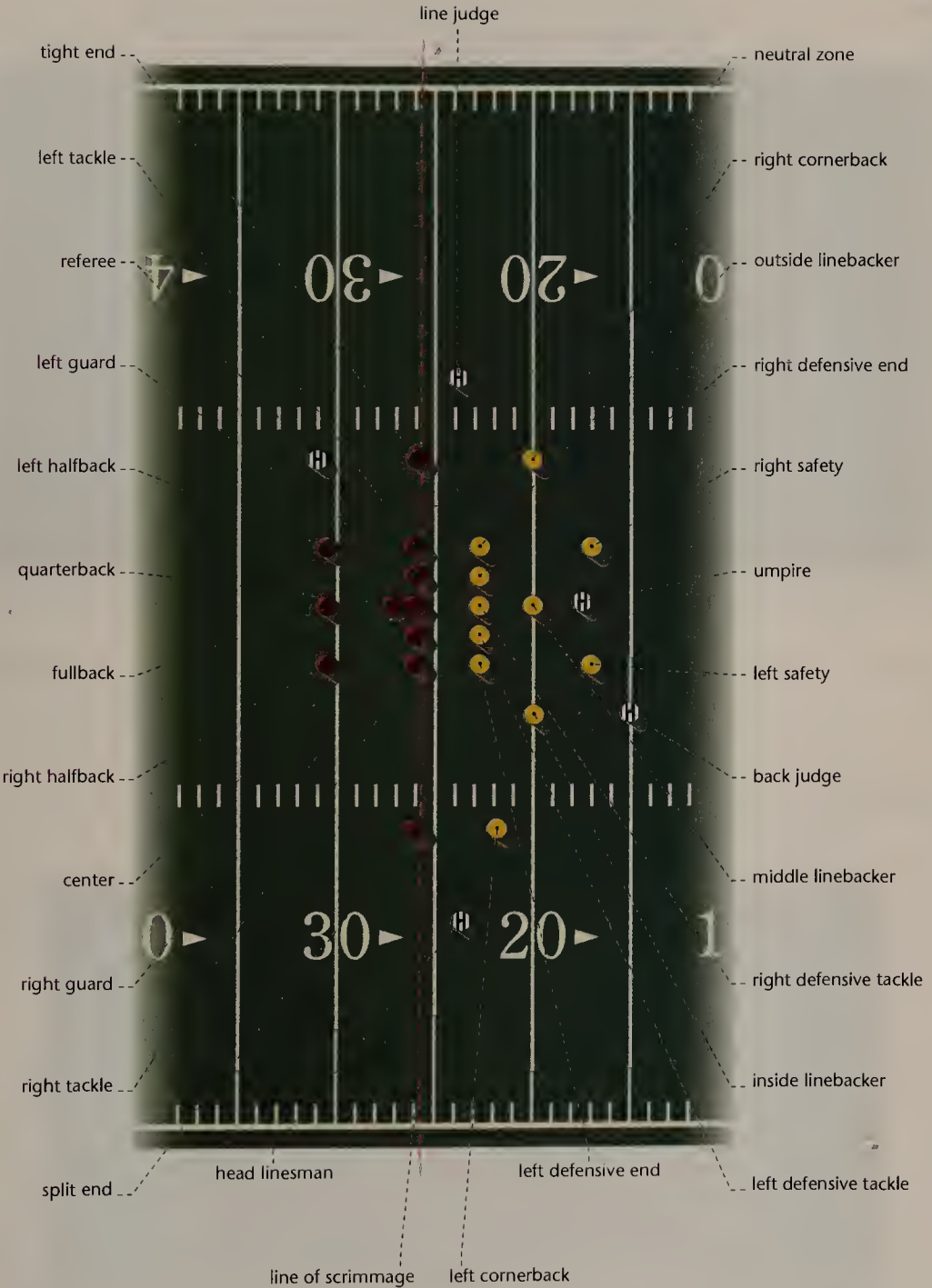
PROTECTIVE EQUIPMENT



SCRIMMAGE

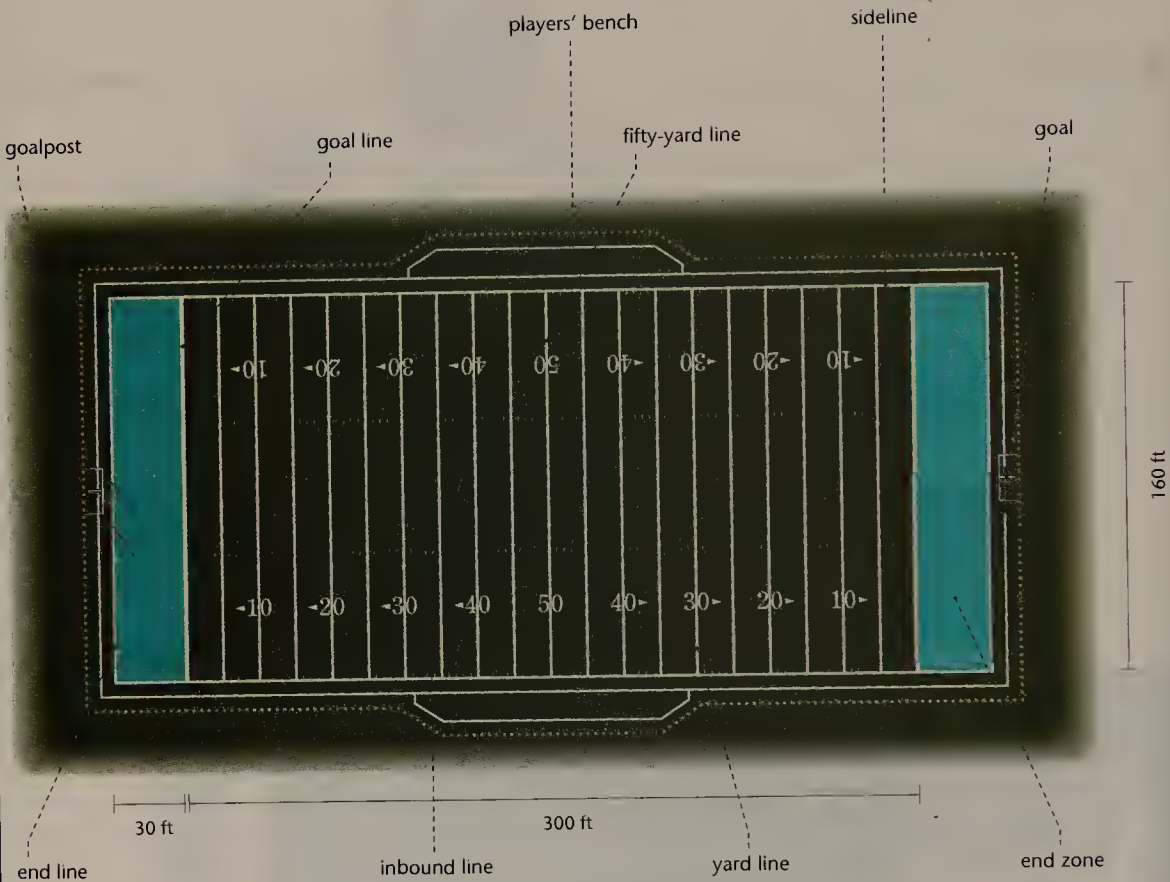
● OFFENSE

● DEFENSE



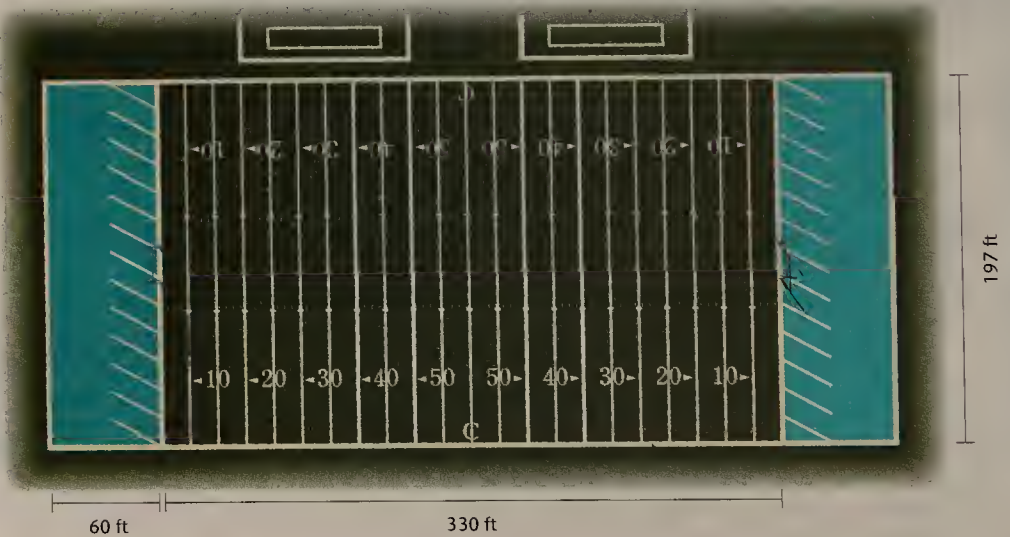
FOOTBALL

PLAYING FIELD FOR AMERICAN FOOTBALL

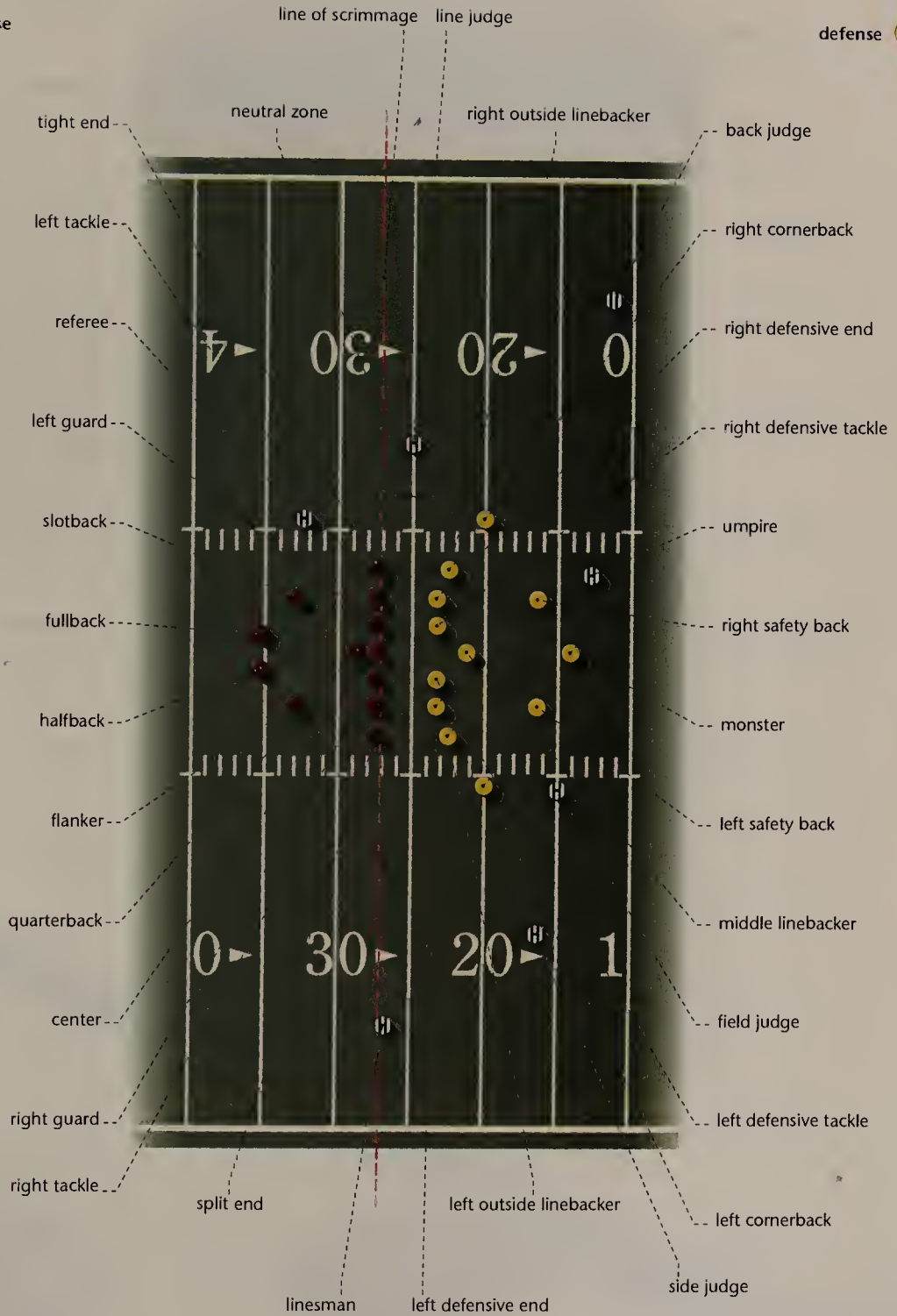


TEAM GAMES

PLAYING FIELD FOR CANADIAN FOOTBALL

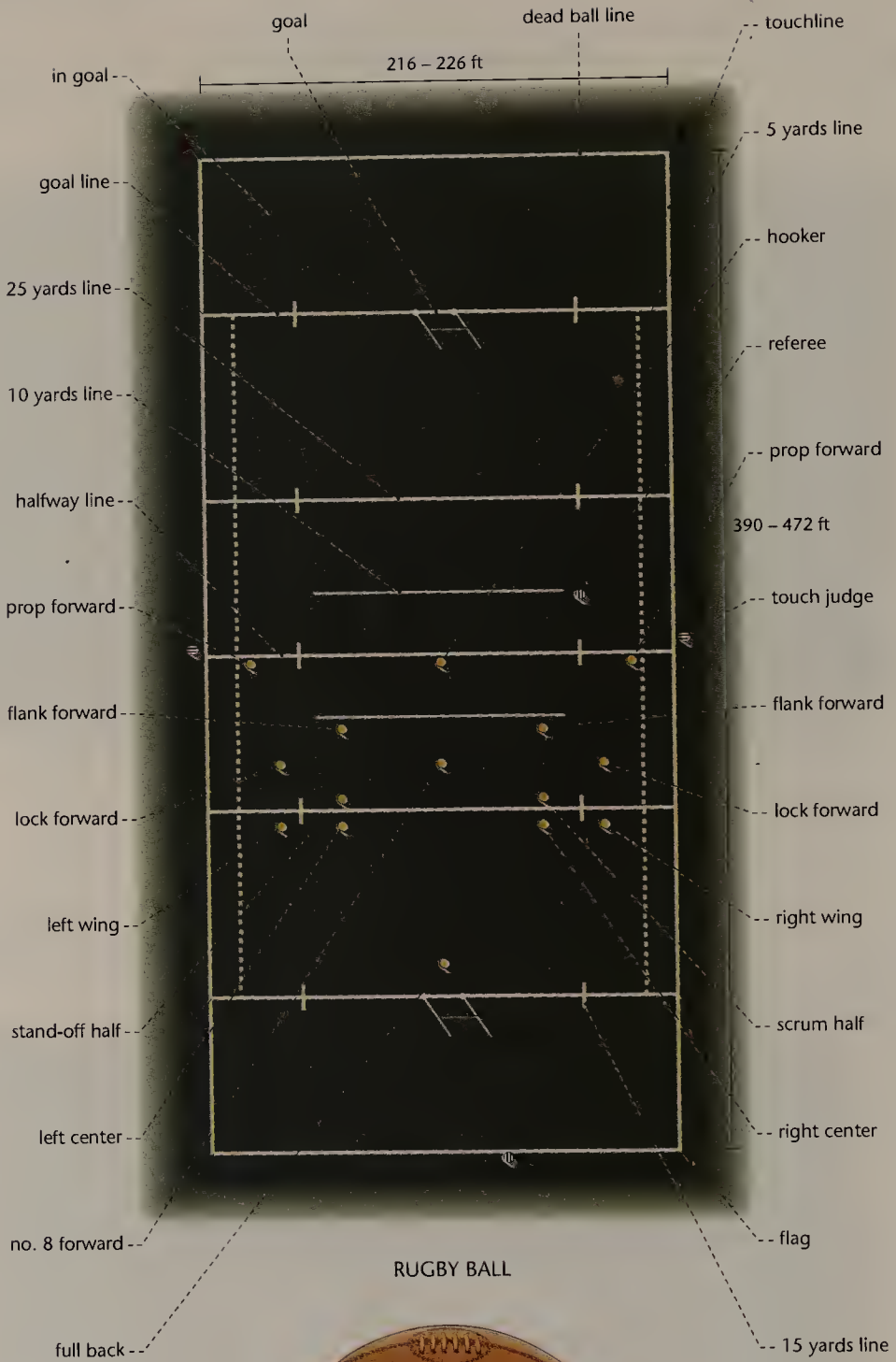


SCRIMMAGE IN CANADIAN FOOTBALL

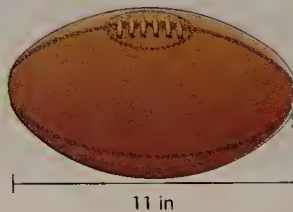


RUGBY

FIELD



RUGBY BALL

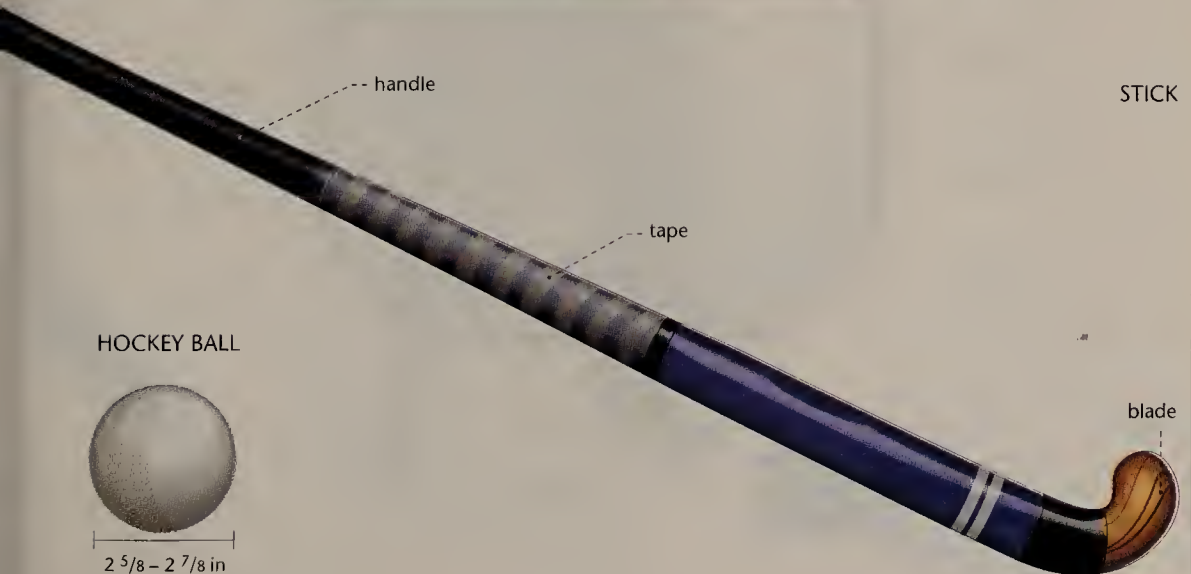


FIELD HOCKEY

PLAYING FIELD



STICK

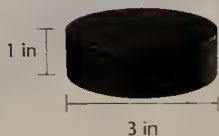


HOCKEY BALL



TEAM GAMES

PUCK



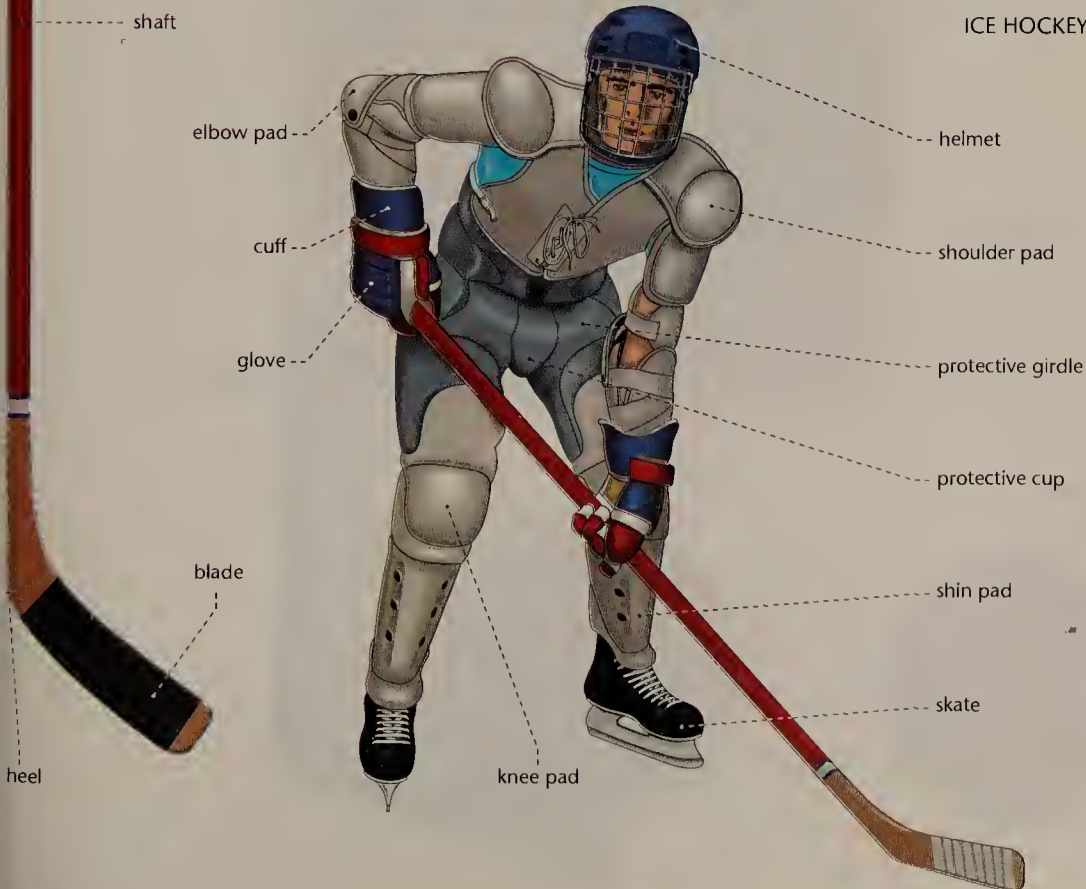
GOALKEEPER

PLAYER'S STICK

--- butt end



ICE HOCKEY PLAYER

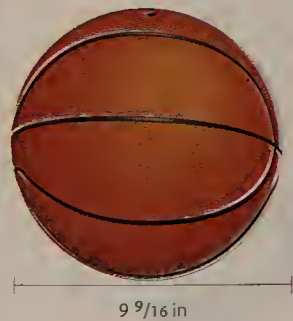


BASKETBALL

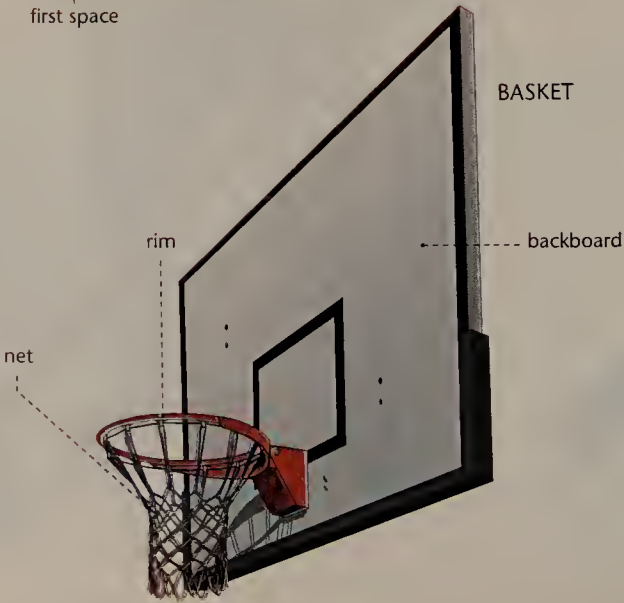
COURT



BASKETBALL



BASKET



TEAM GAMES

NETBALL



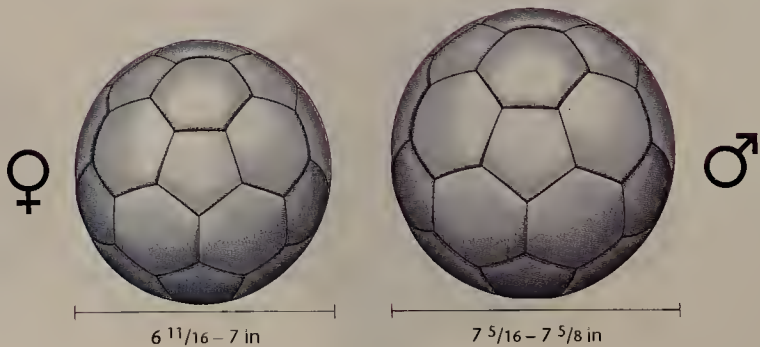
611

HANDBALL

COURT

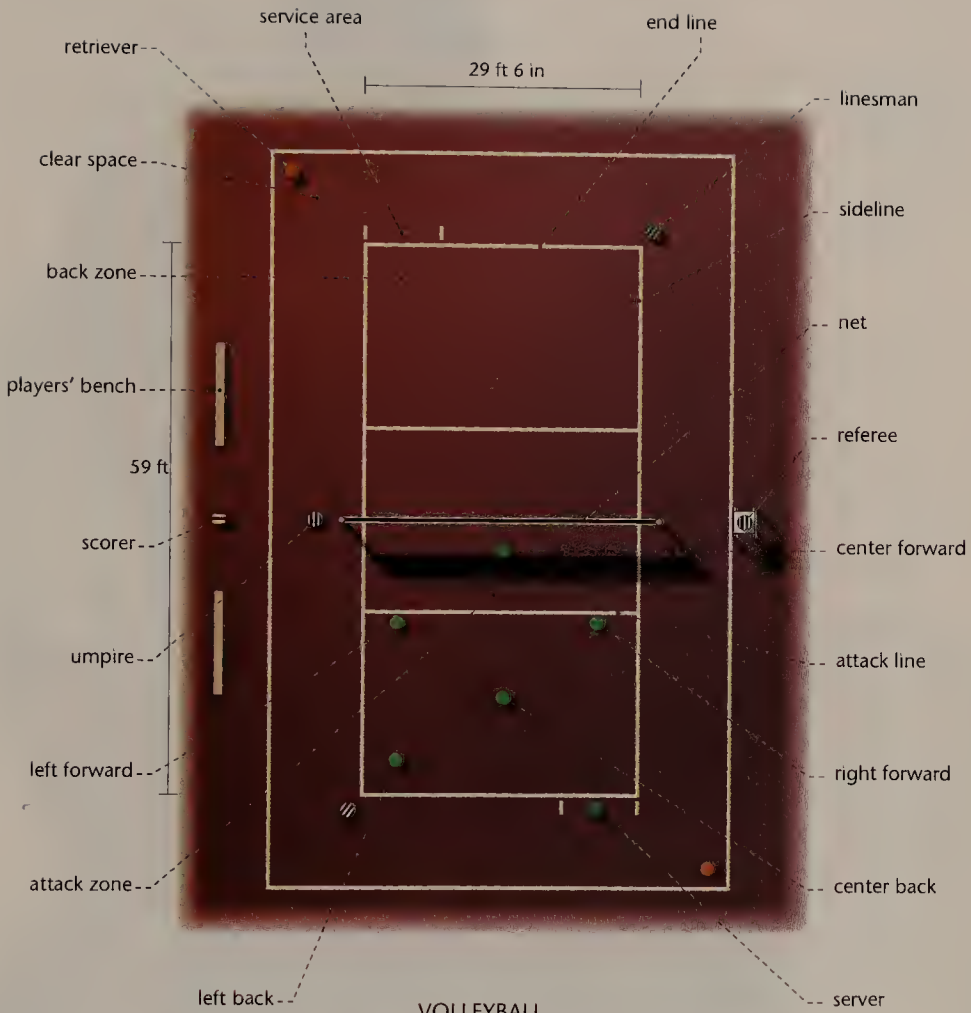


HANDBALL

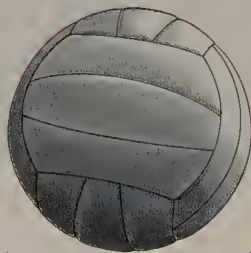


VOLLEYBALL

COURT

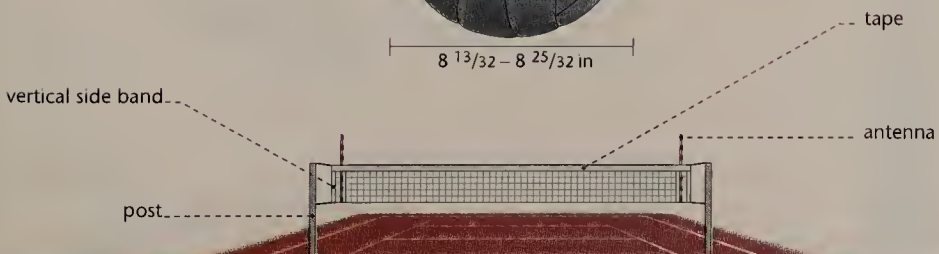


VOLLEYBALL



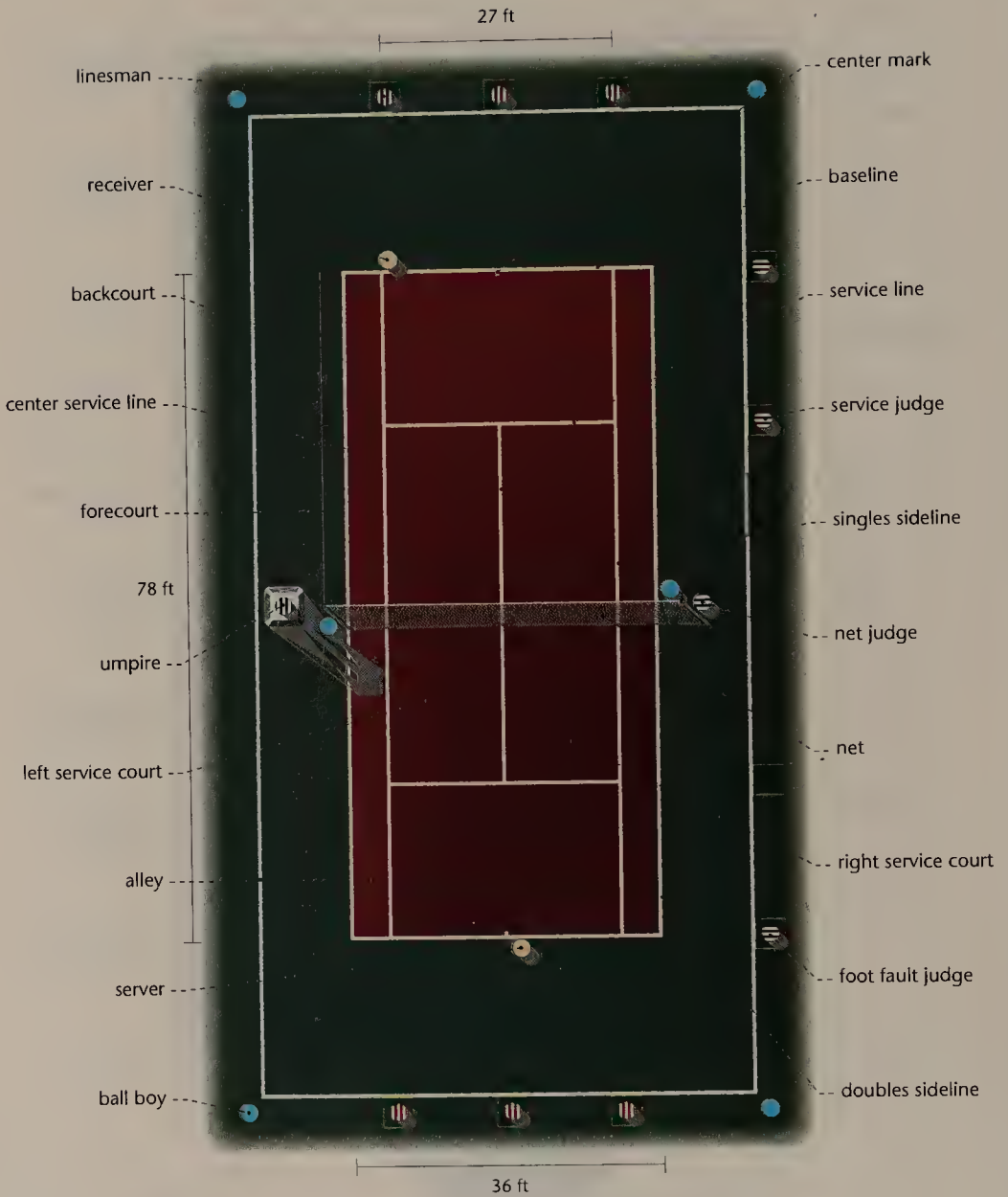
8 $\frac{13}{32}$ – 8 $\frac{25}{32}$ in

NET



TENNIS

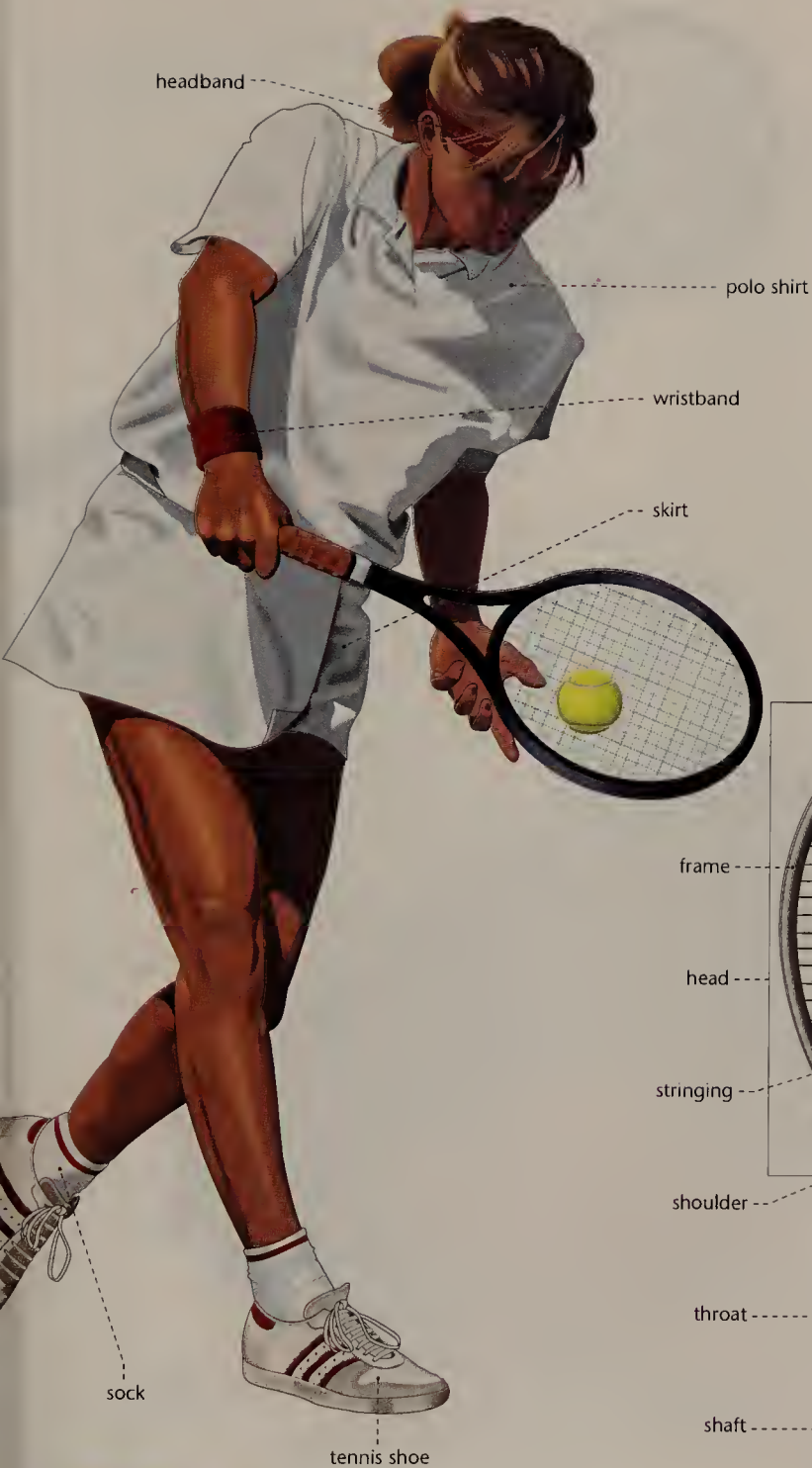
COURT



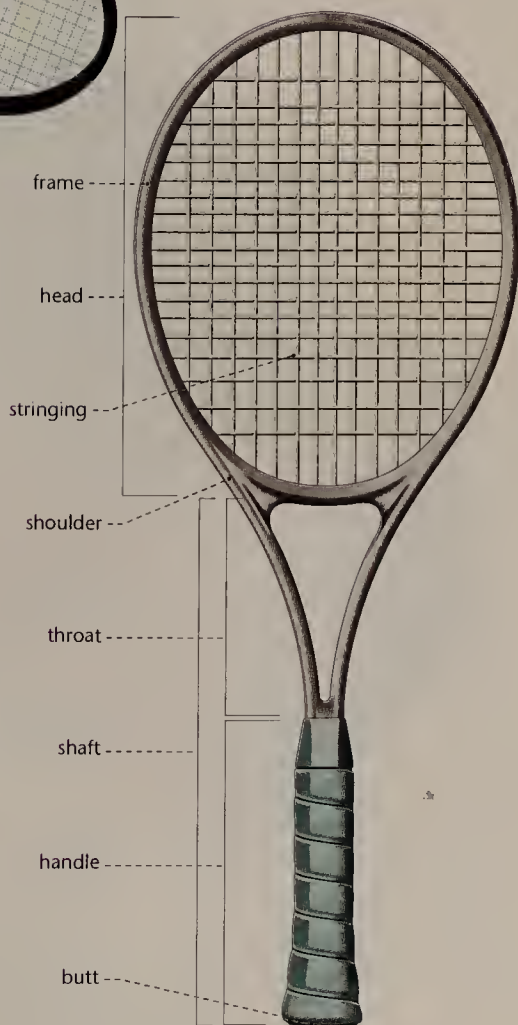
NET



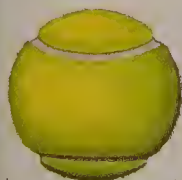
TENNIS PLAYER



TENNIS RACKET



TENNIS BALL



$2\frac{1}{2} - 2\frac{5}{8}$ in

SQUASH BALL

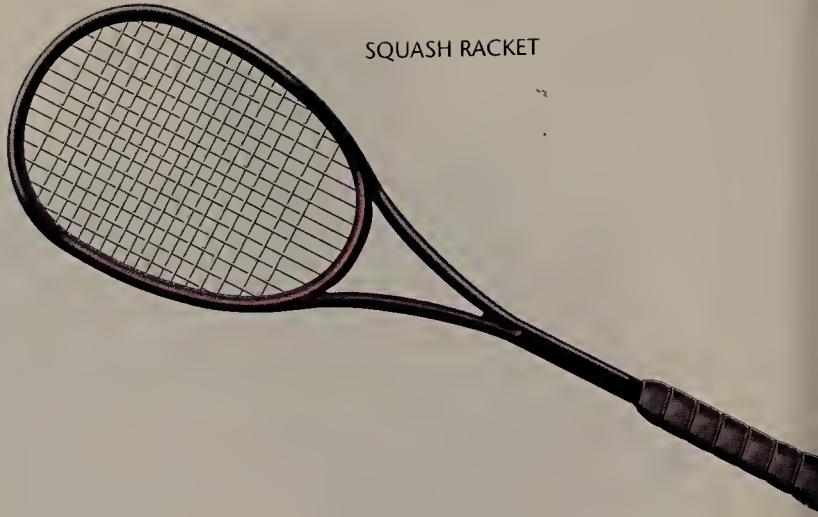


Diagram illustrating the layout of a badminton court, showing various lines and dimensions:

- outer boundary line
- ceiling
- side wall line
- side wall
- front wall
- 21 ft
- 15 ft
- 32 ft
- receiver
- right service court
- service line
- telltale
- floor
- short line
- service box
- server
- back wall
- half court line
- left service court

RACQUETBALL

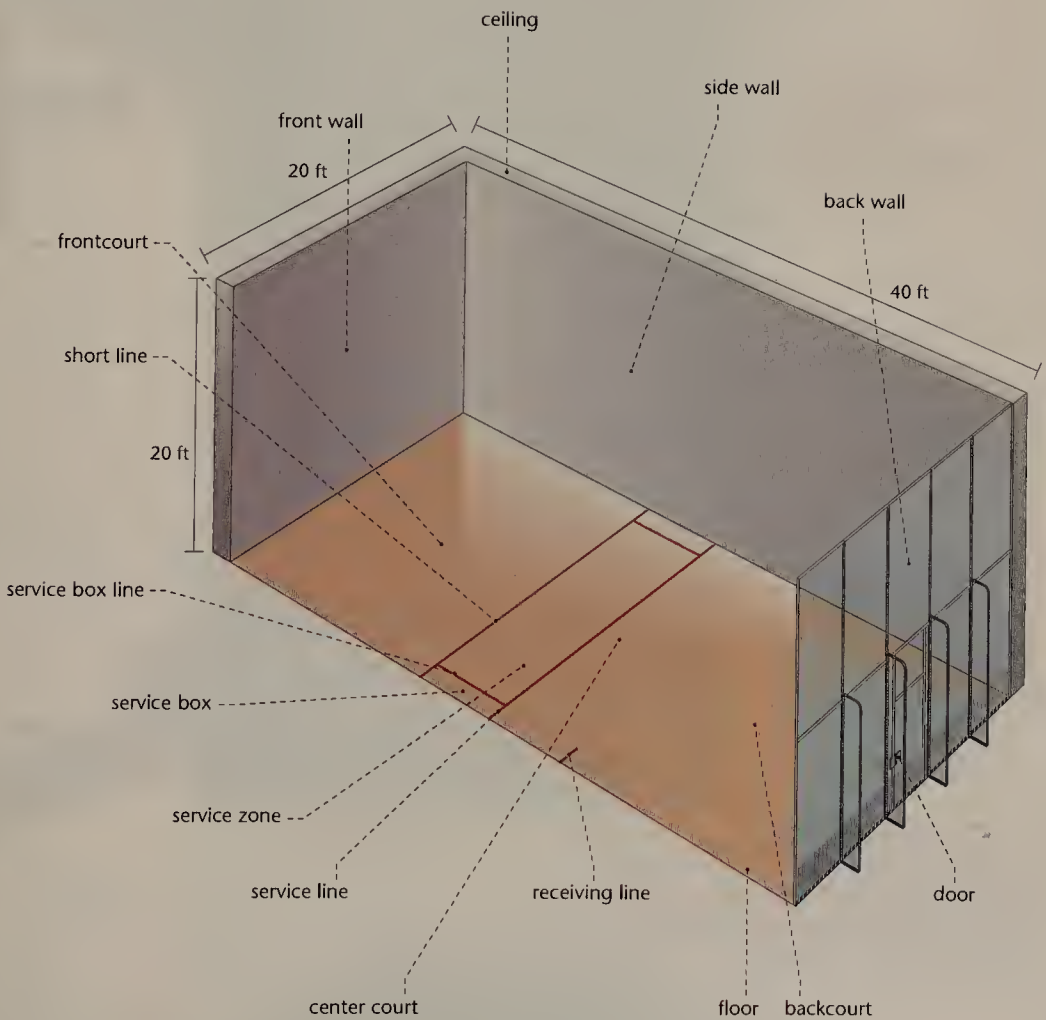
RACQUETBALL RACKET



RACQUETBALL

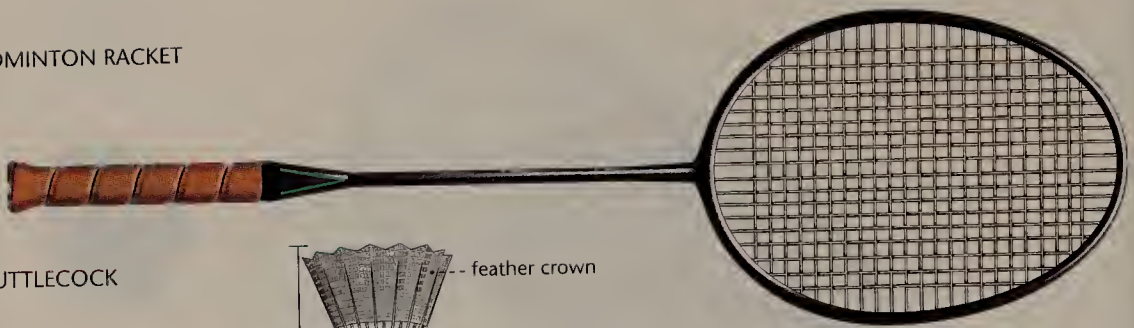


COURT

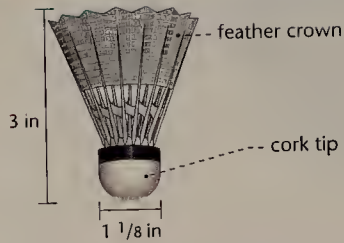


BADMINTON

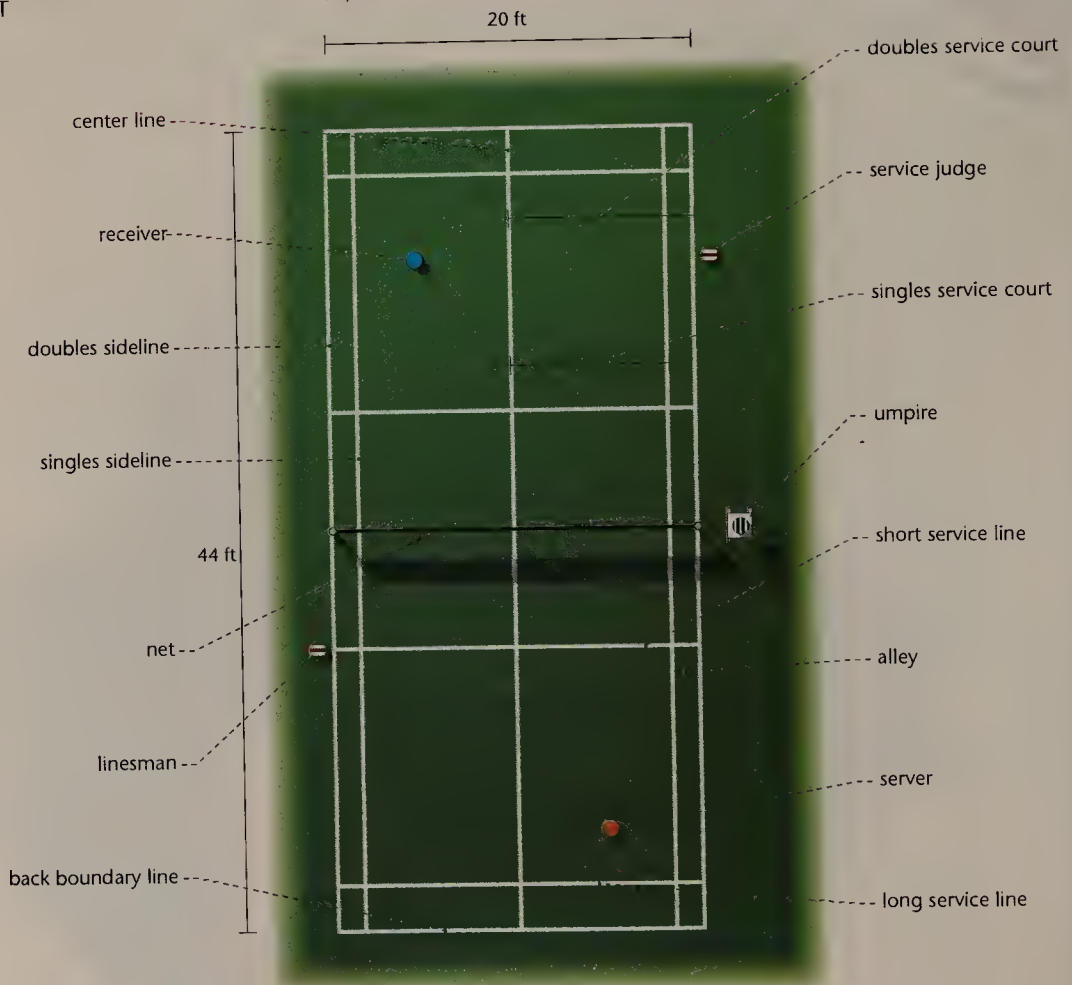
BADMINTON RACKET



SHUTTLECOCK



COURT



NET

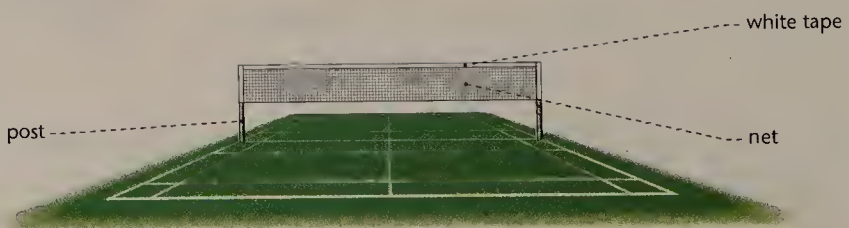


TABLE TENNIS

TABLE



TYPES OF GRIPS



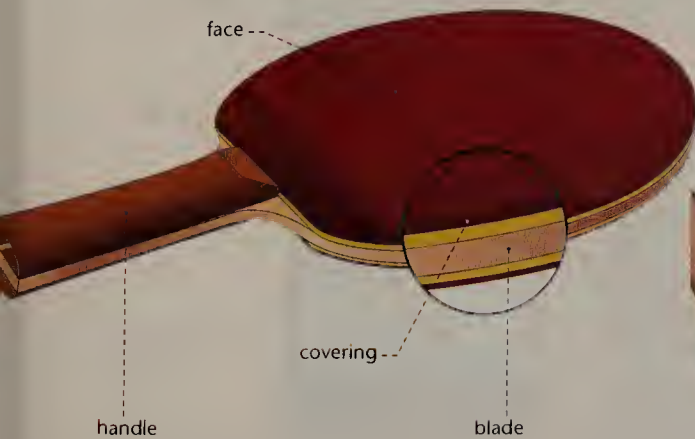
penholder grip



shake-hands grip

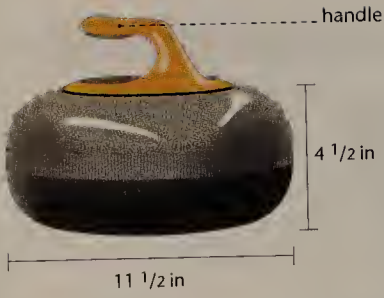
TABLE TENNIS PADDLE

table tennis ball

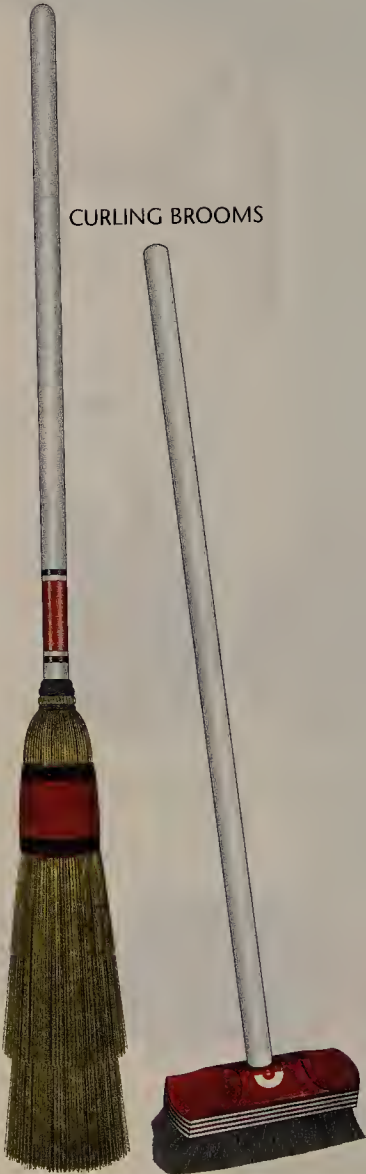


CURLING

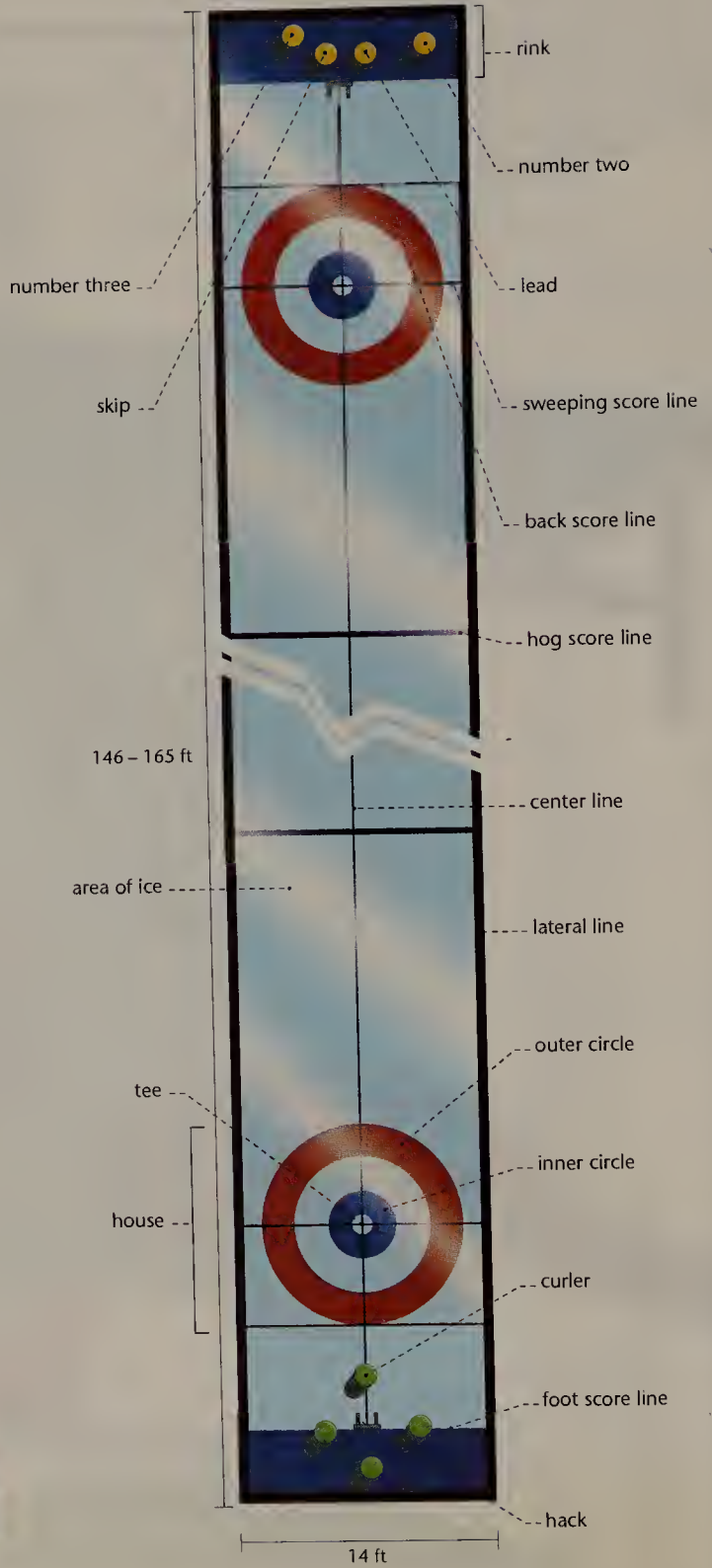
CURLING STONE



CURLING BROOMS

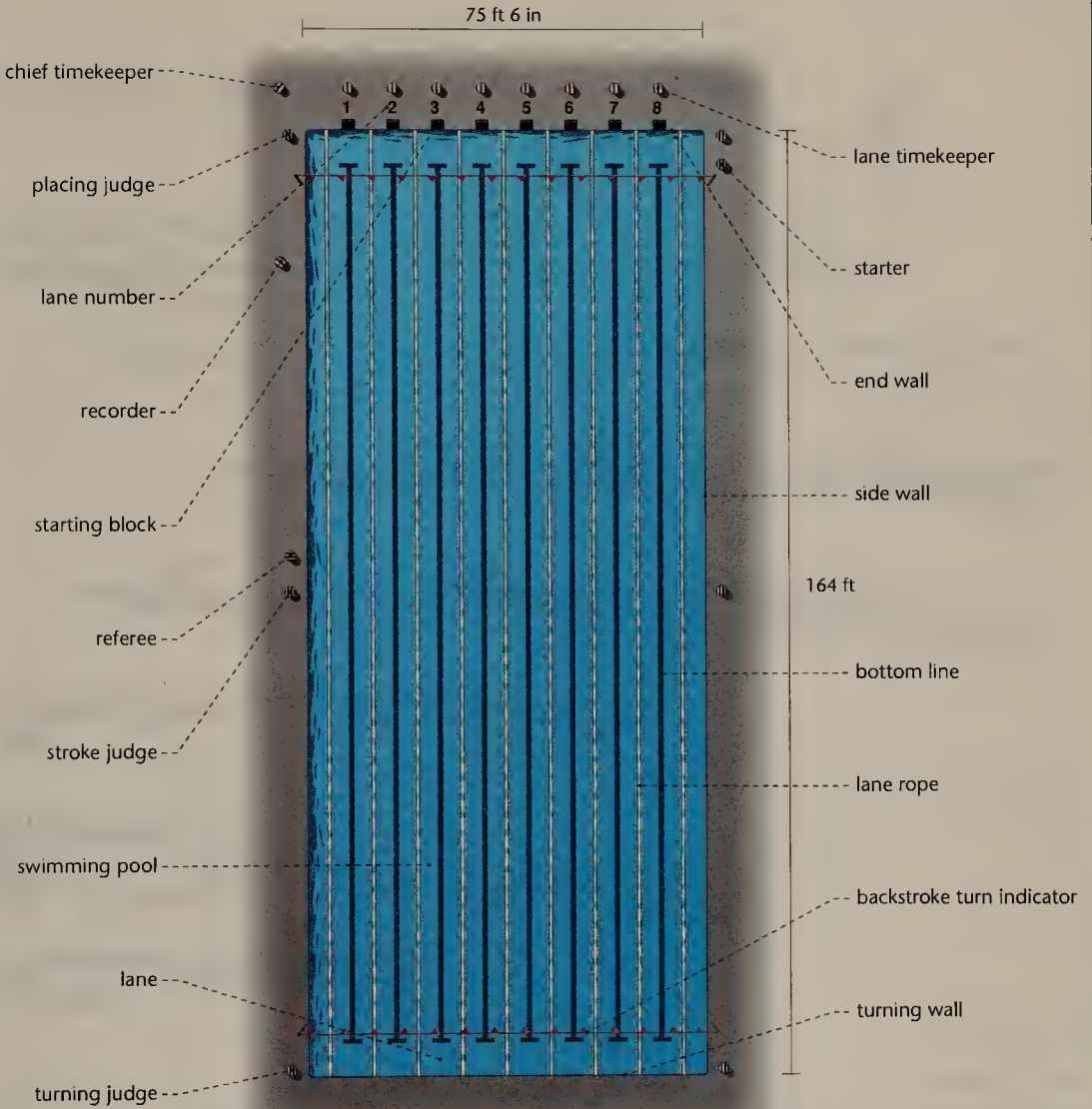


RINK

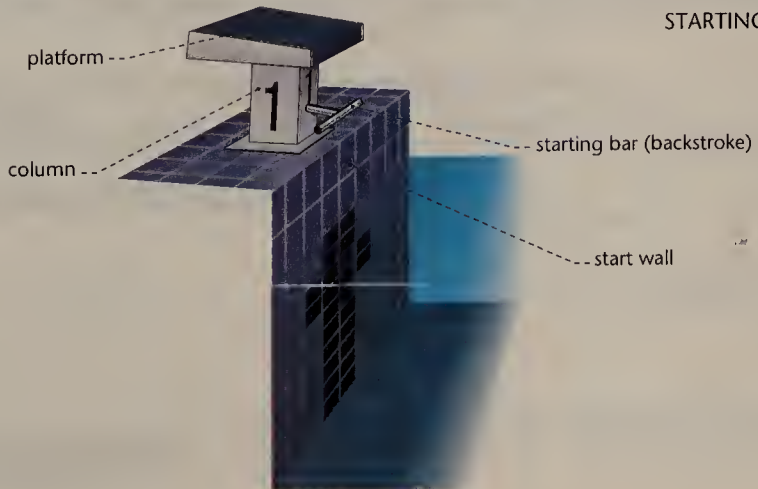


SWIMMING

COMPETITIVE COURSE



STARTING BLOCK

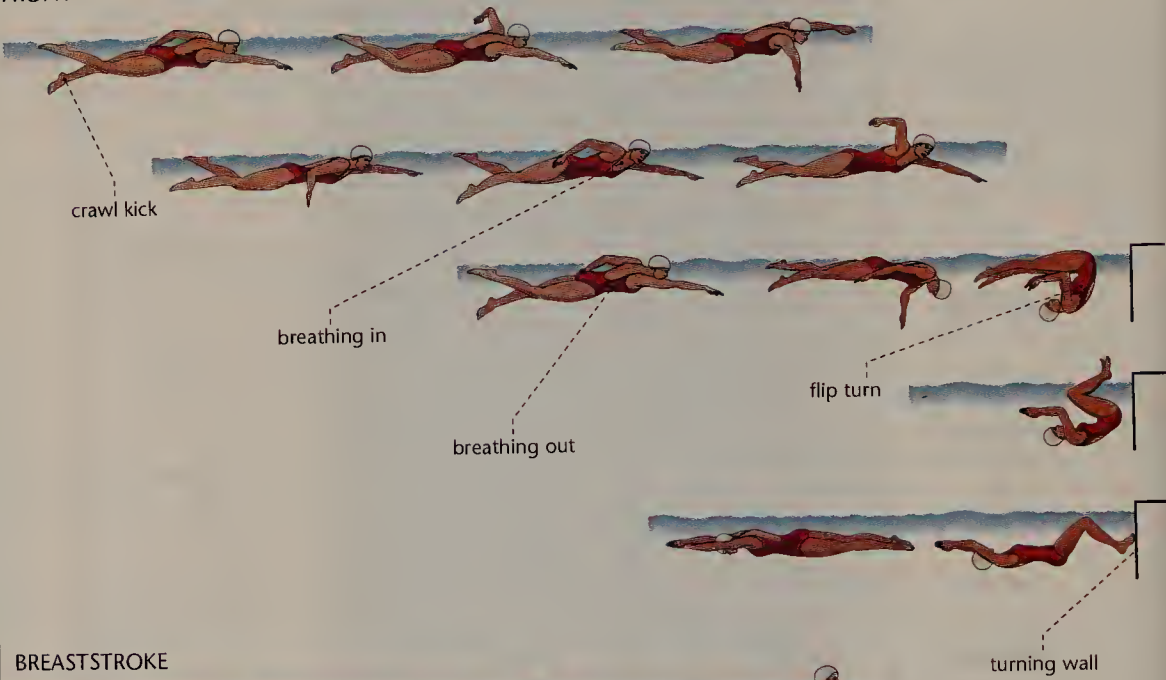


SWIMMING

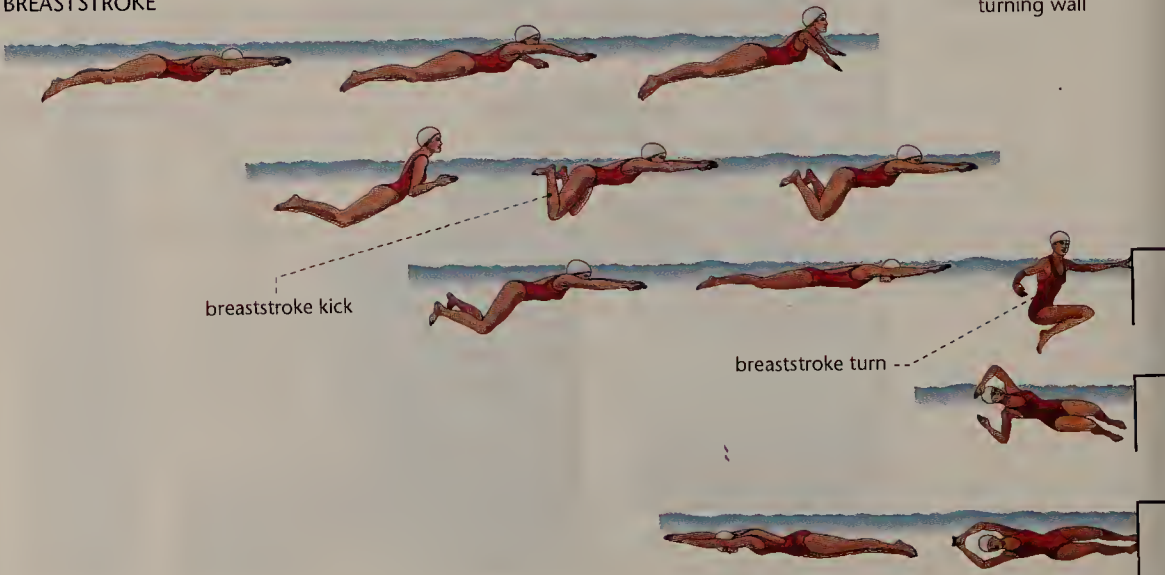
TYPES OF STROKES



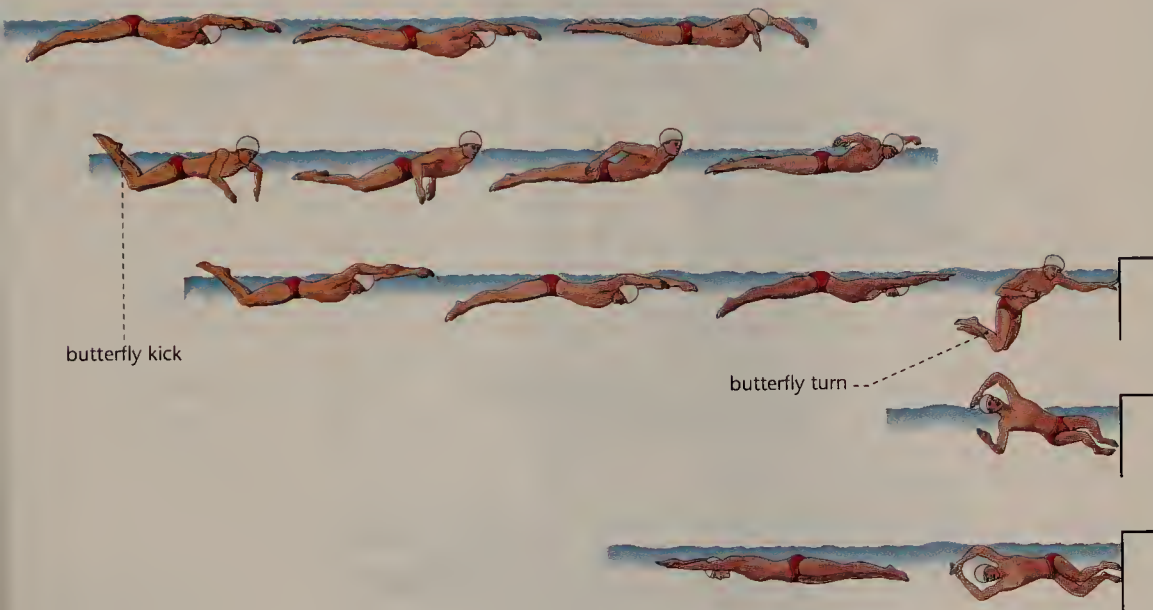
FRONT CRAWL STROKE



BREASTSTROKE



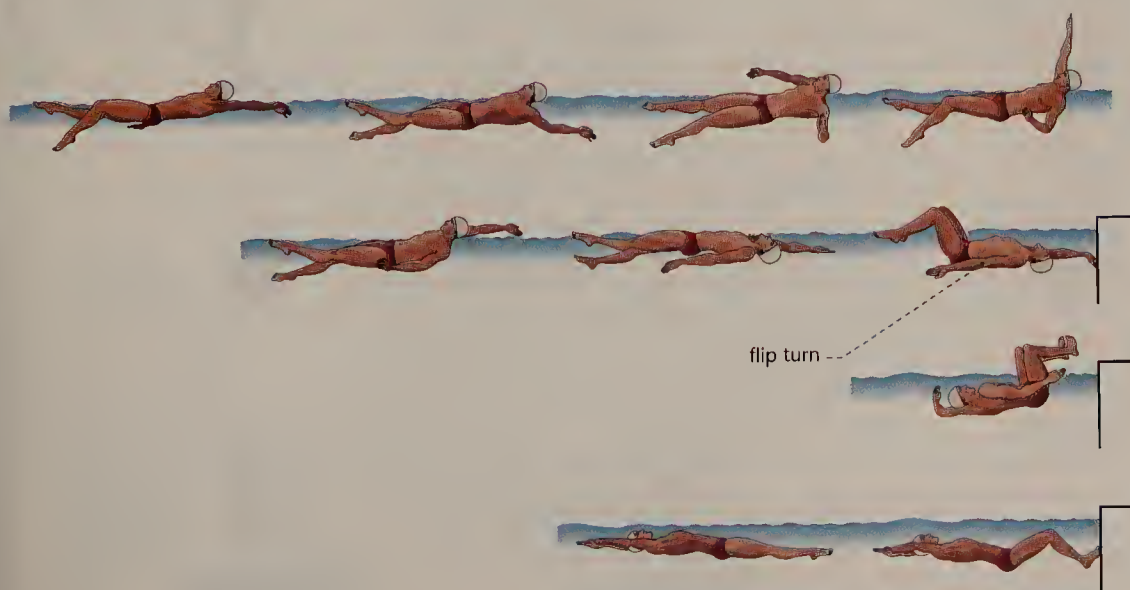
BUTTERFLY STROKE



BACKSTROKE START

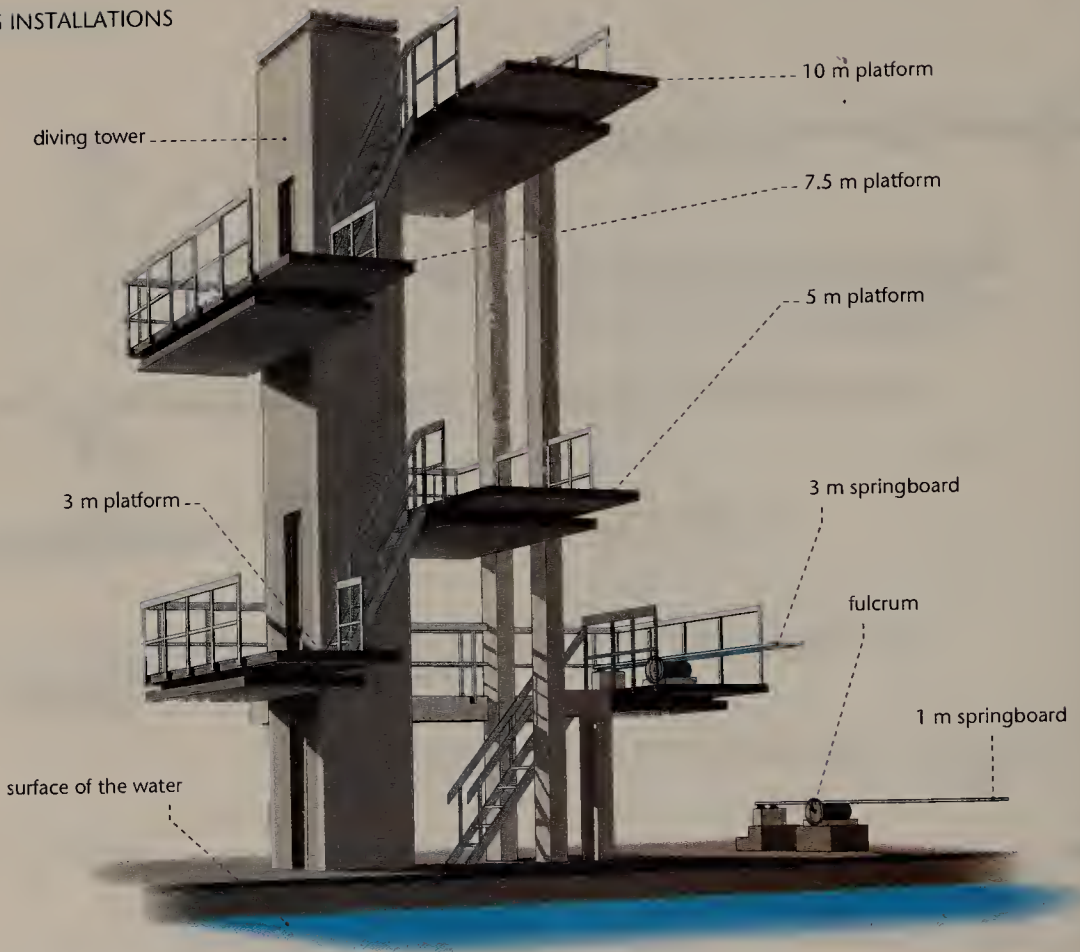


BACKSTROKE



DIVING

DIVING INSTALLATIONS



STARTING POSITIONS



forward



backward



armstand

FLIGHTS



pike position



straight position



tuck position

ENTRIES



head-first entry



feet-first entry

FORWARD DIVE



BACKWARD DIVE



ARMSTAND DIVE



starting position

leg position

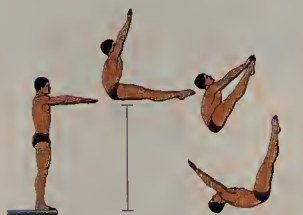
arm position

entry

TWIST DIVE



REVERSE DIVE



height of the dive

flight

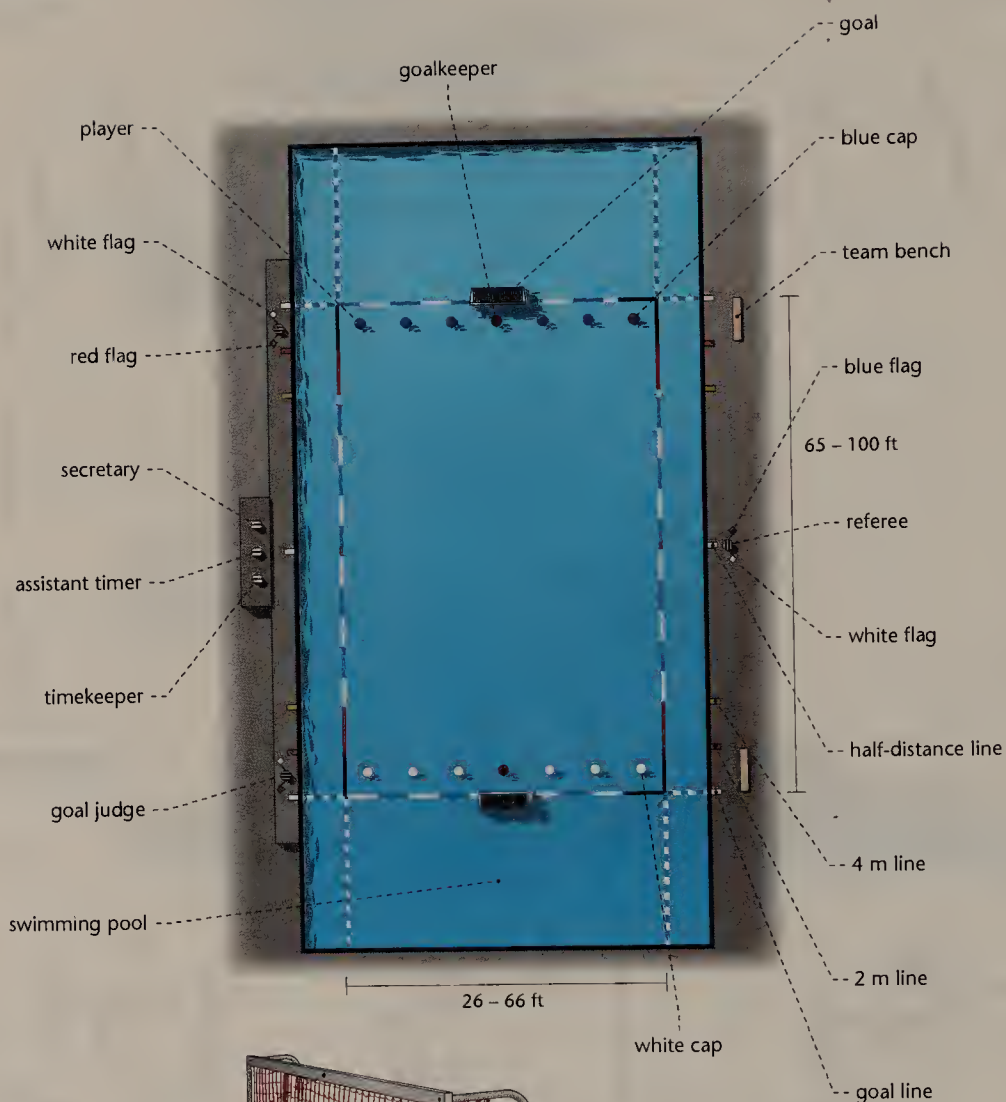
entry

INWARD DIVE

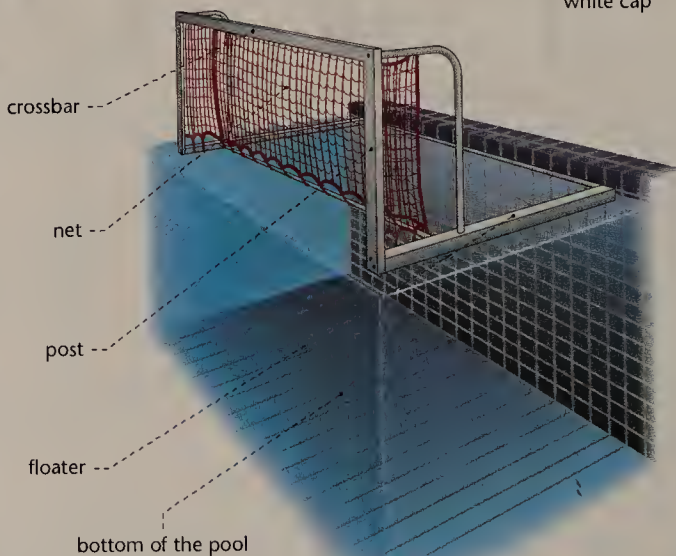


WATER POLO

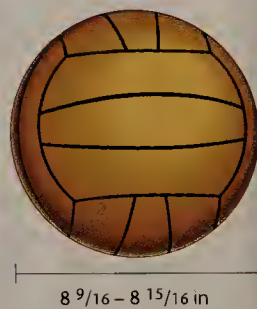
PLAYING AREA



GOAL



WATER POLO BALL



SCUBA DIVING

SCUBA DIVER

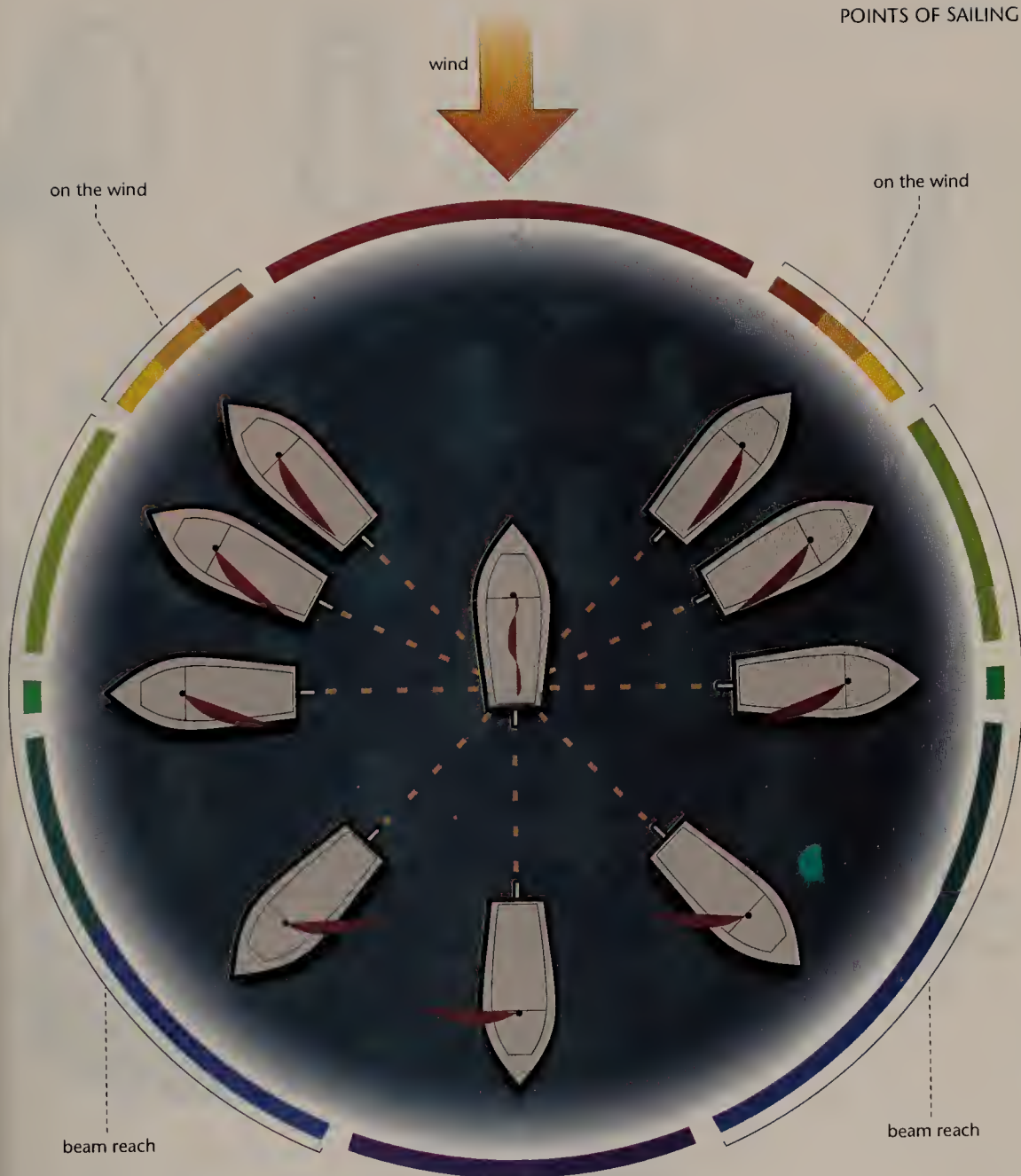











SAILING

SAILBOAT



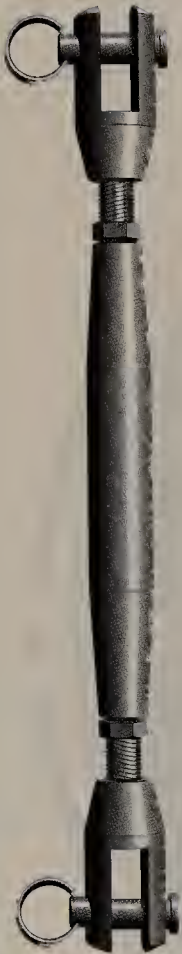
POINTS OF SAILING



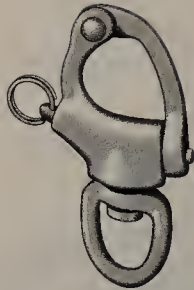
- | | | |
|--|---|---|
|  headwind |  full and by |  beam reach |
|  close hauled |  close reach |  broad reach |
|  on the wind |  wind abeam |  down wind |

SAILING

UPPERWORKS



turnbuckle



hank



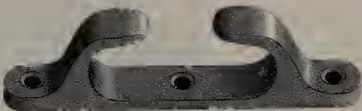
snap shackle



shackle



cleat



fairlead



clam cleat



sheet lead



winch

TRAVELER



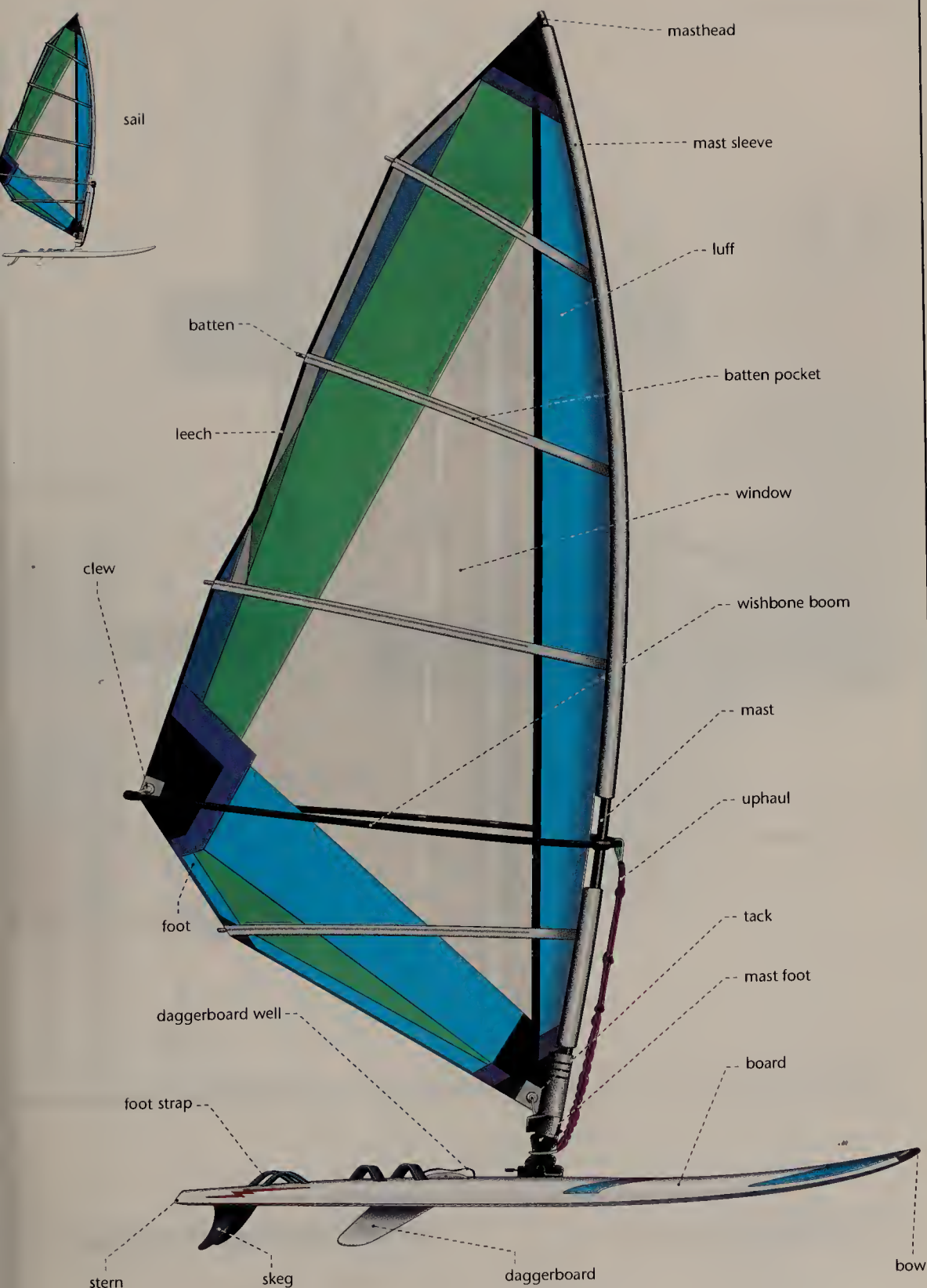
sliding rail

car

clam cleat

end stop

SAILBOARD



ROWING AND SCULLING

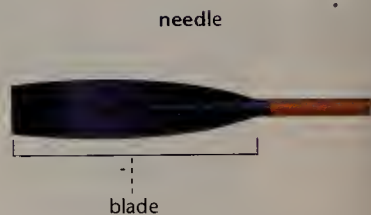
SCULLING (TWO OARS)



ROWING (ONE OAR)



TYPES OF OARS



SCULLING BOATS



single scull



double scull



ROWING BOATS



coxless pair



coxed pair



coxless four



coxed four



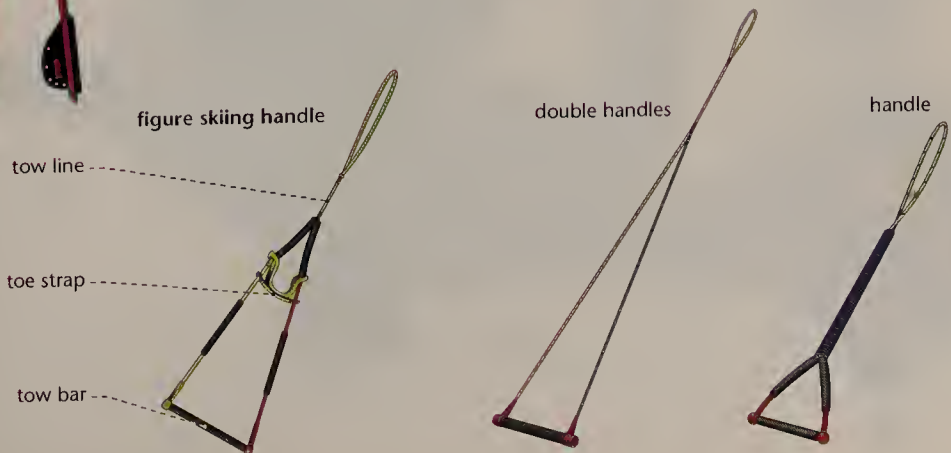
eight

WATER SKIING

TYPES OF SKIS



TYPES OF HANDLES



BALLOONING

BALLOON



BASKET



SKY DIVING

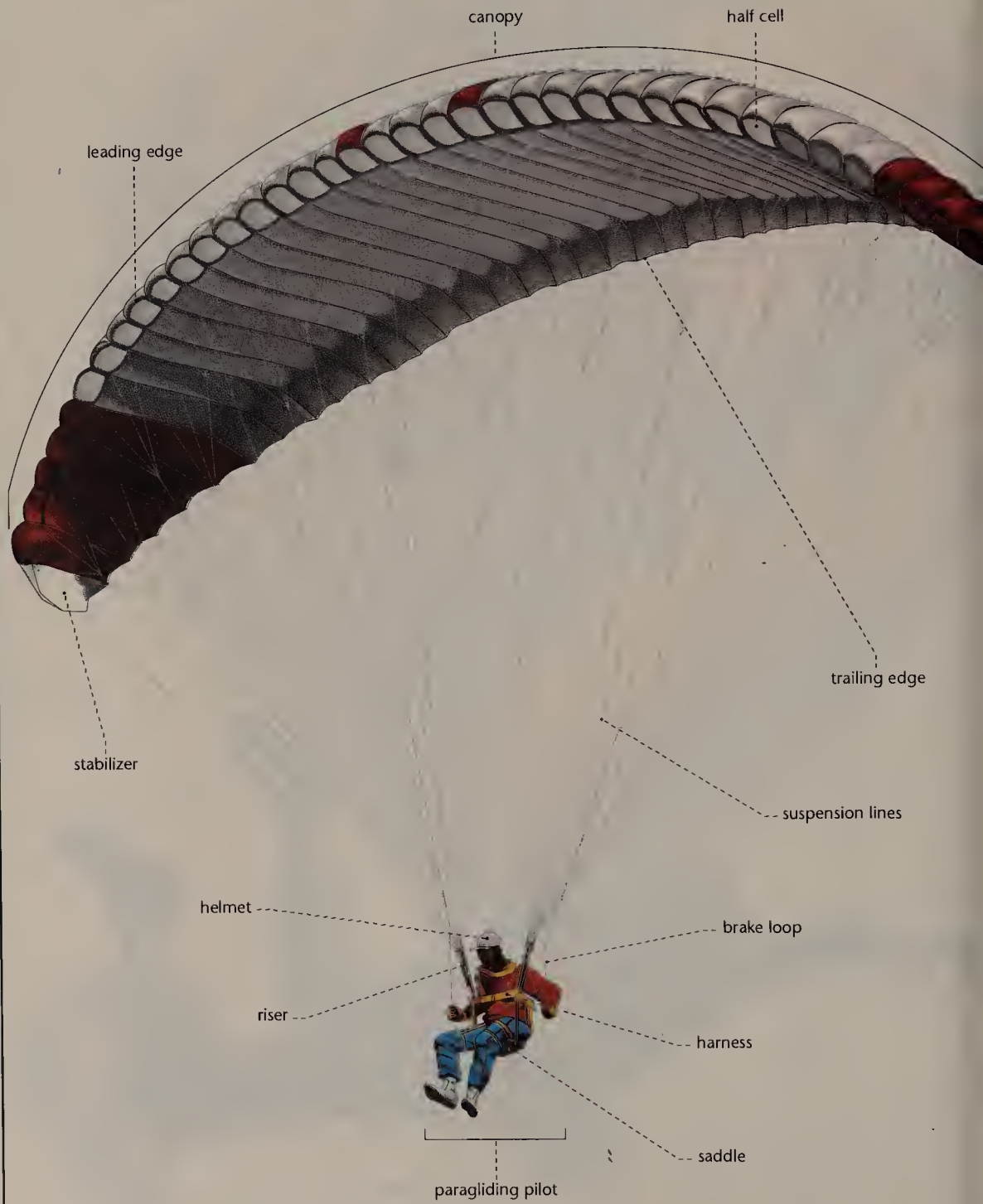
SKY DIVER



PARAGLIDING

CANOPY

AERIAL SPORTS



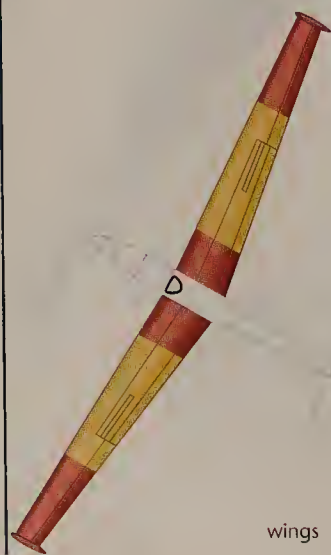
HANG GLIDING

HANG GLIDER



GLIDING

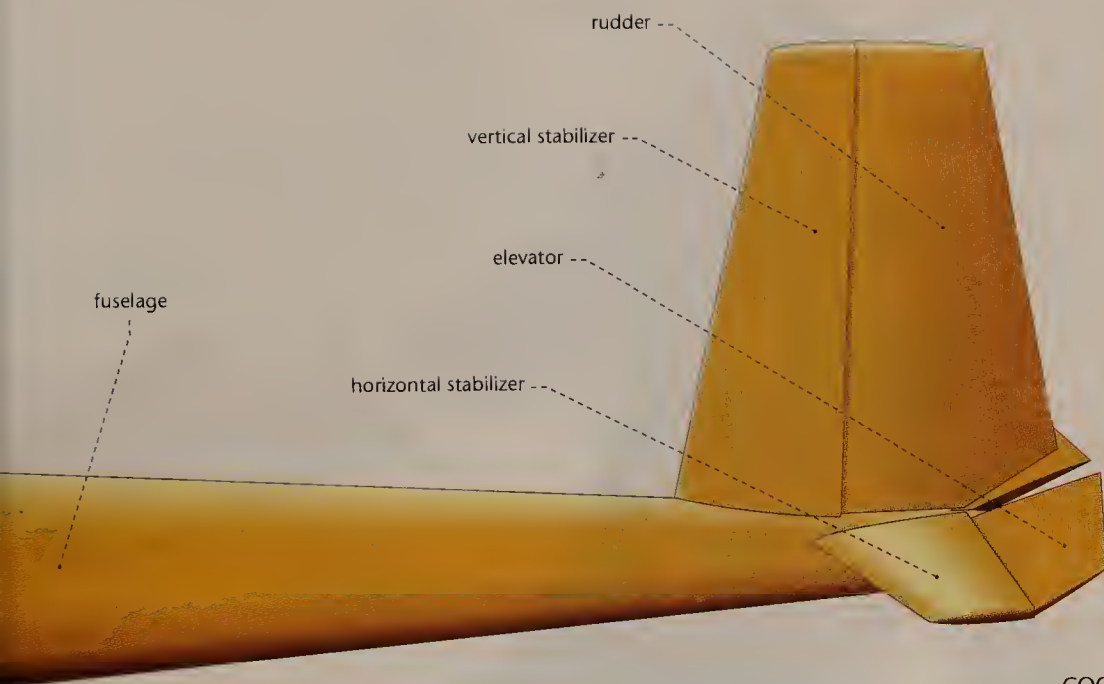
GLIDER



wings



tail



rudder

vertical stabilizer

elevator

fuselage

horizontal stabilizer

COCKPIT



altimeter

airspeed indicator

turn and slip indicator

compass

cockpit ventilation

electric variometer

oxygen feeding control

mechanical variometer

oxygen feeding knob

tow release knob

microphone

rudder pedal

canopy release knob

air brake handle

control stick

turn and slip knob

radio

seat

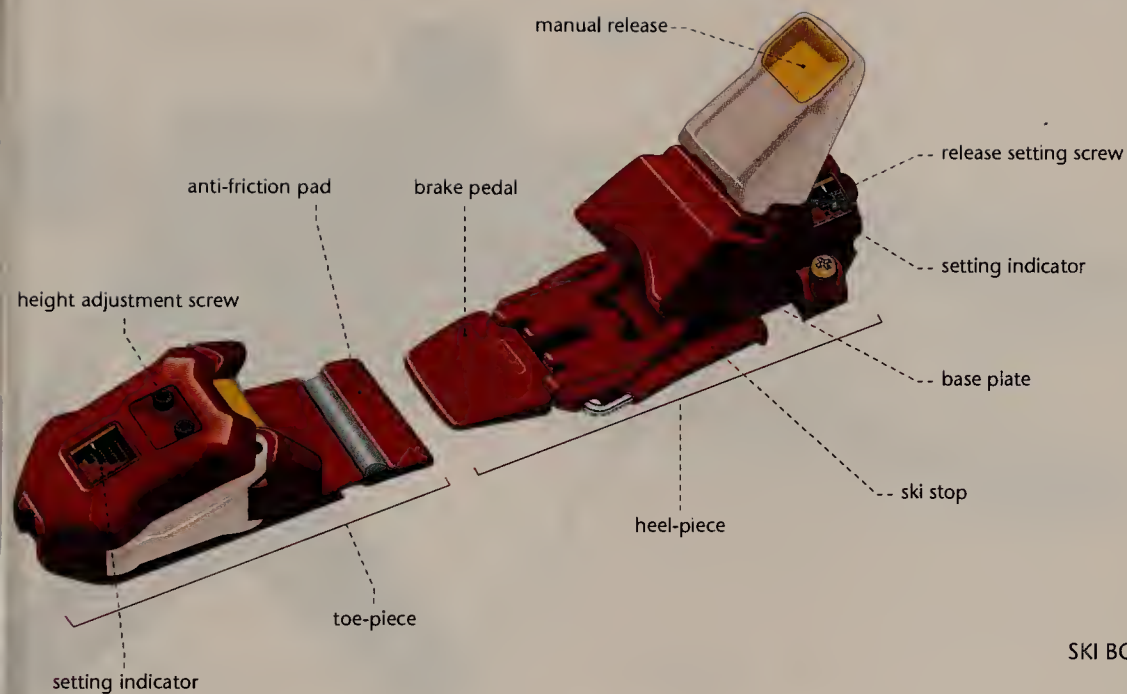
ALPINE SKIING

ALPINE SKIER

WINTER SPORTS



SAFETY BINDING



SKI BOOT

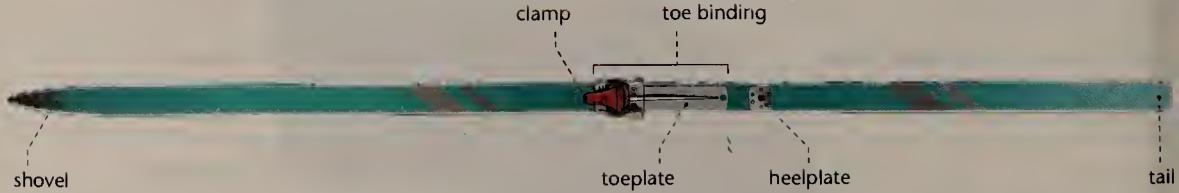


CROSS-COUNTRY SKIING

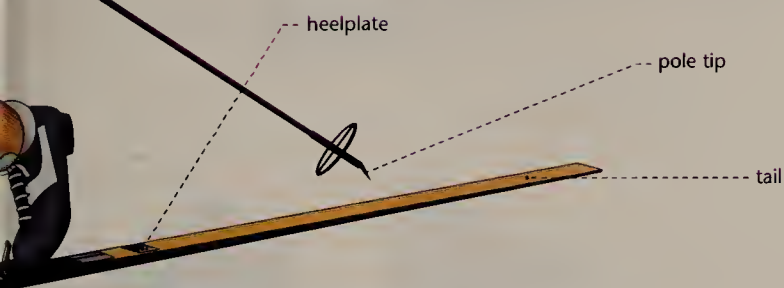
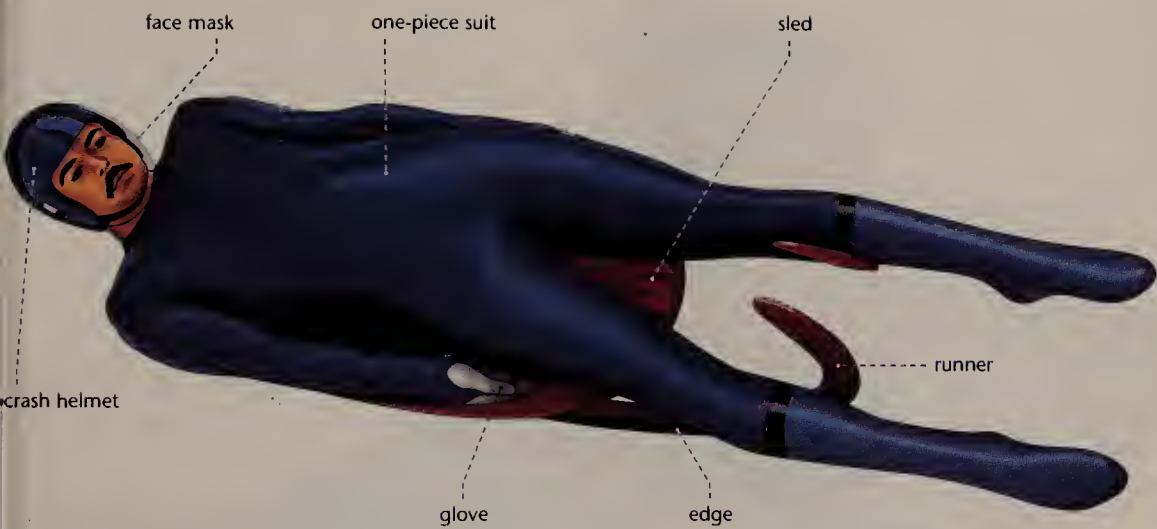
CROSS-COUNTRY SKIER



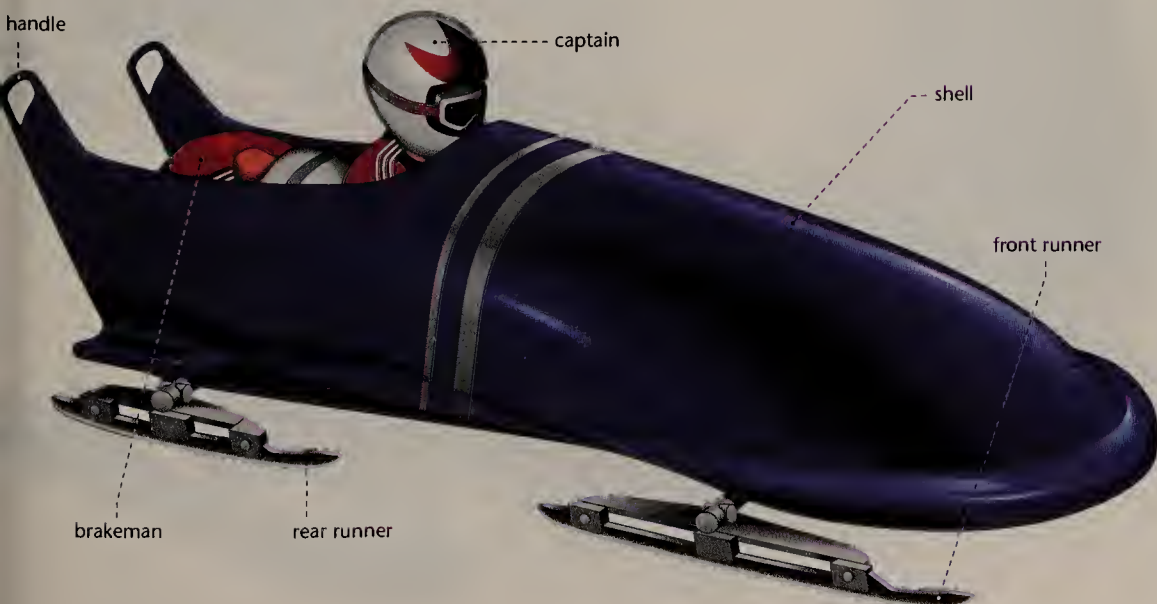
CROSS-COUNTRY SKI



LUGE



BOBSLED



SKATING

FIGURE SKATE



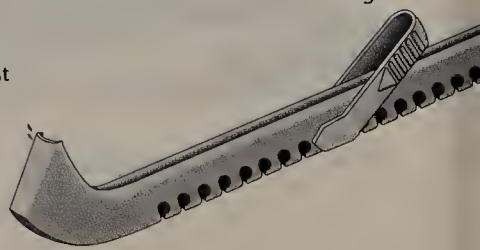
HOCKEY SKATE



speed skate

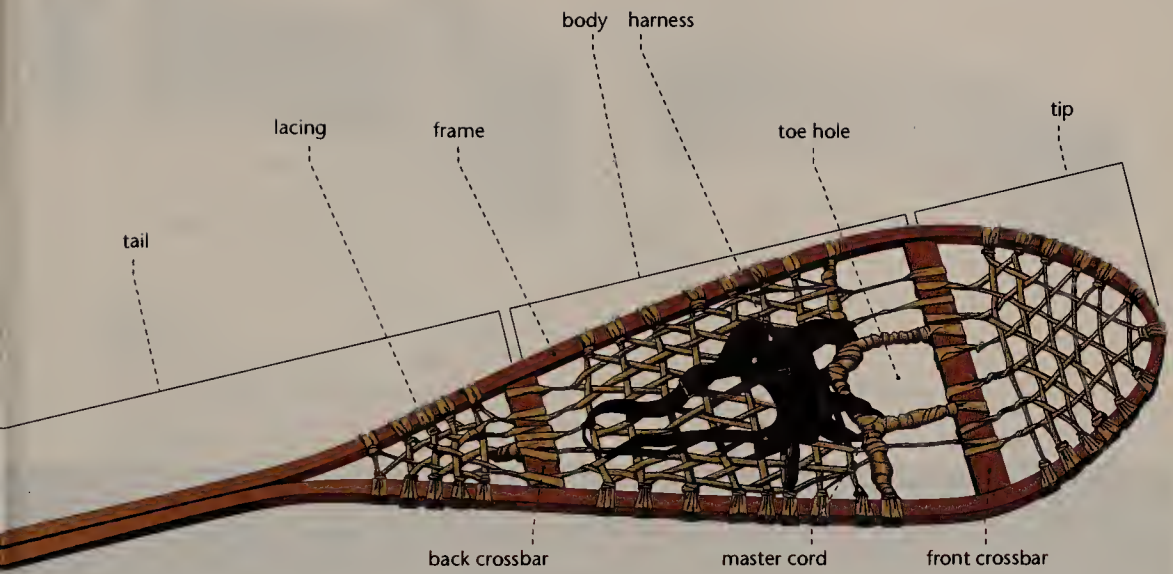


skate guard



SNOWSHOE

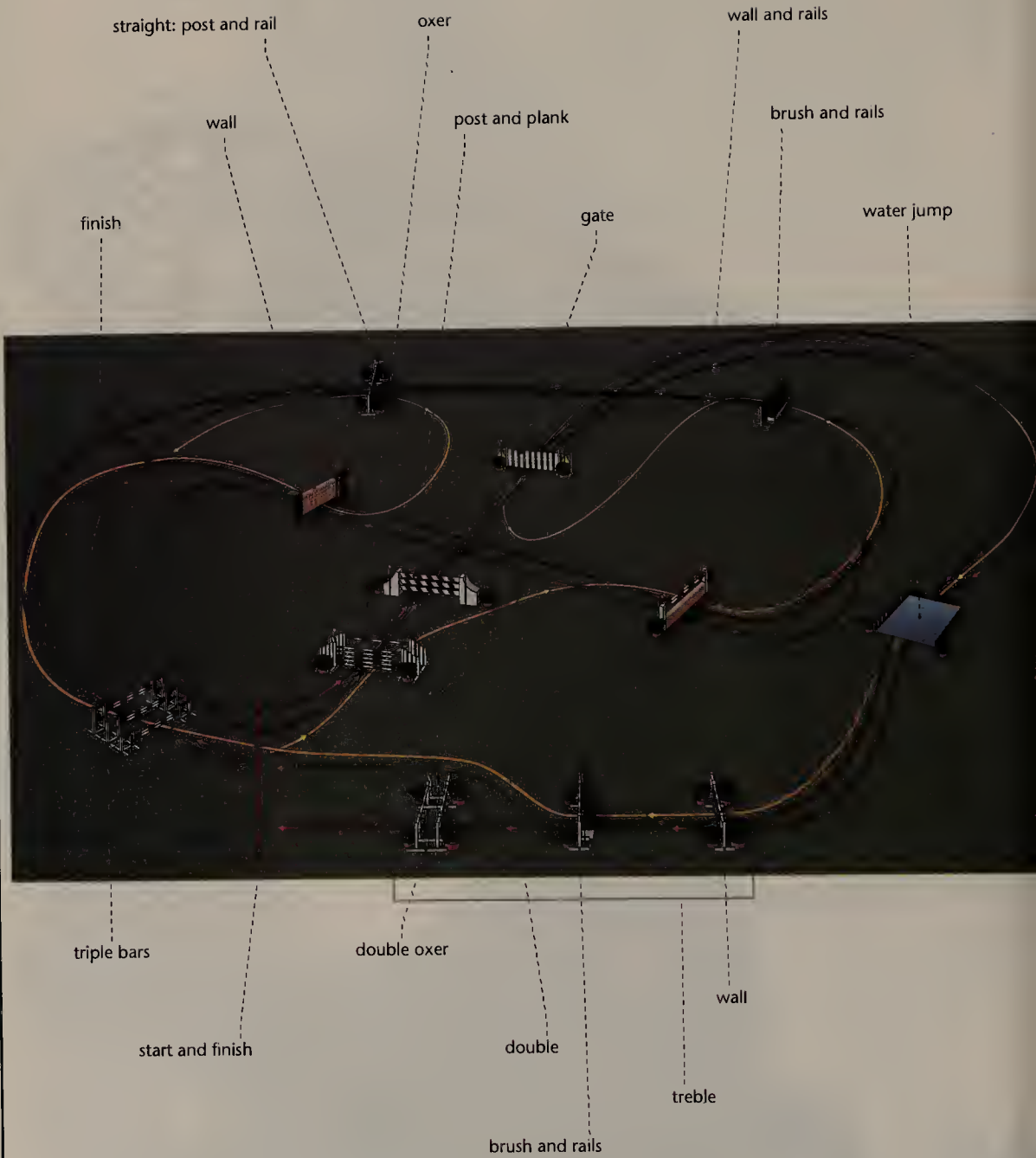
MICHIGAN SNOWSHOE



ROLLER SKATE



COMPETITION RING



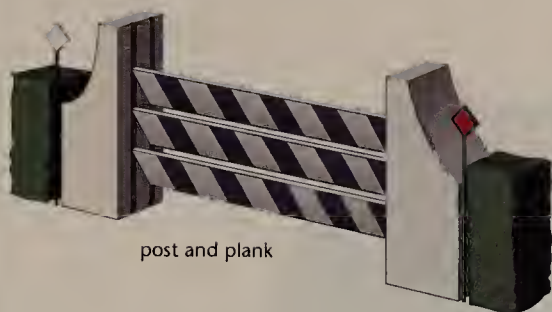
expert drivers course



beginner's course



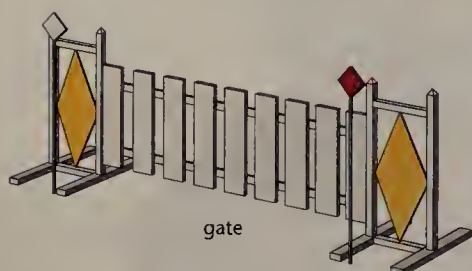
speed course



post and plank



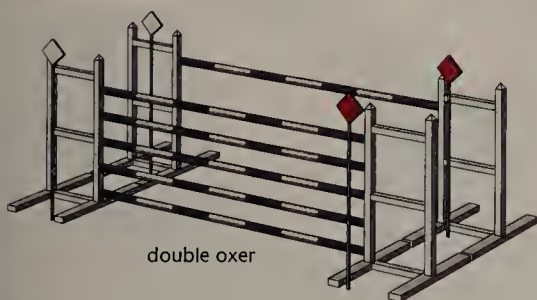
post and rail



gate



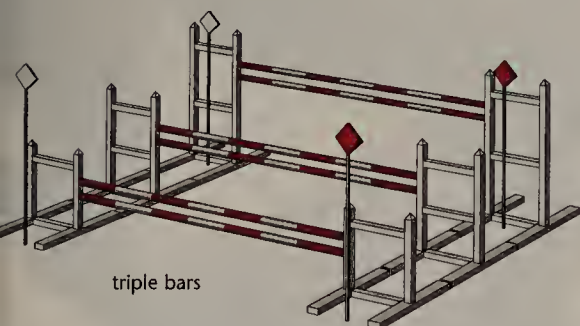
brush and rails



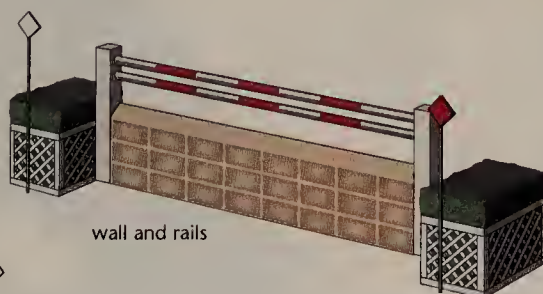
double oxer



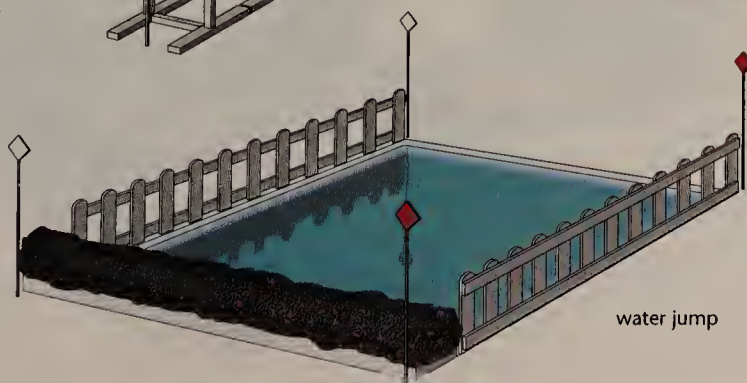
wall



triple bars



wall and rails



water jump

RIDING

RIDER



riding cap

riding jacket

riding glove

jodhpur

saddle

bit

riding crop

saddle pad

boot

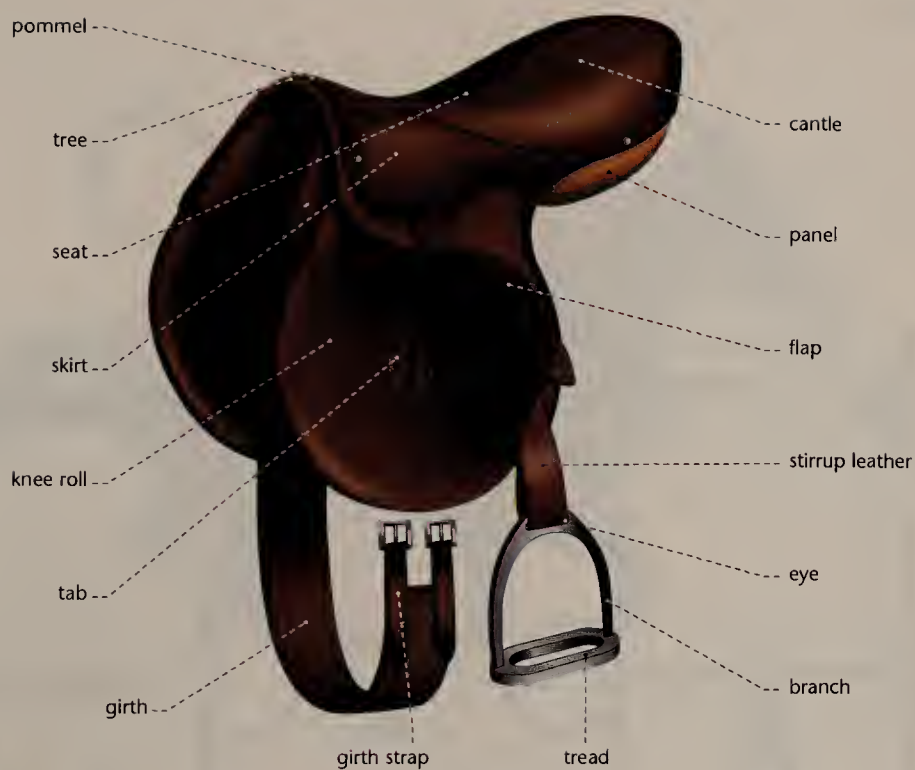
stirrup iron

shin boot

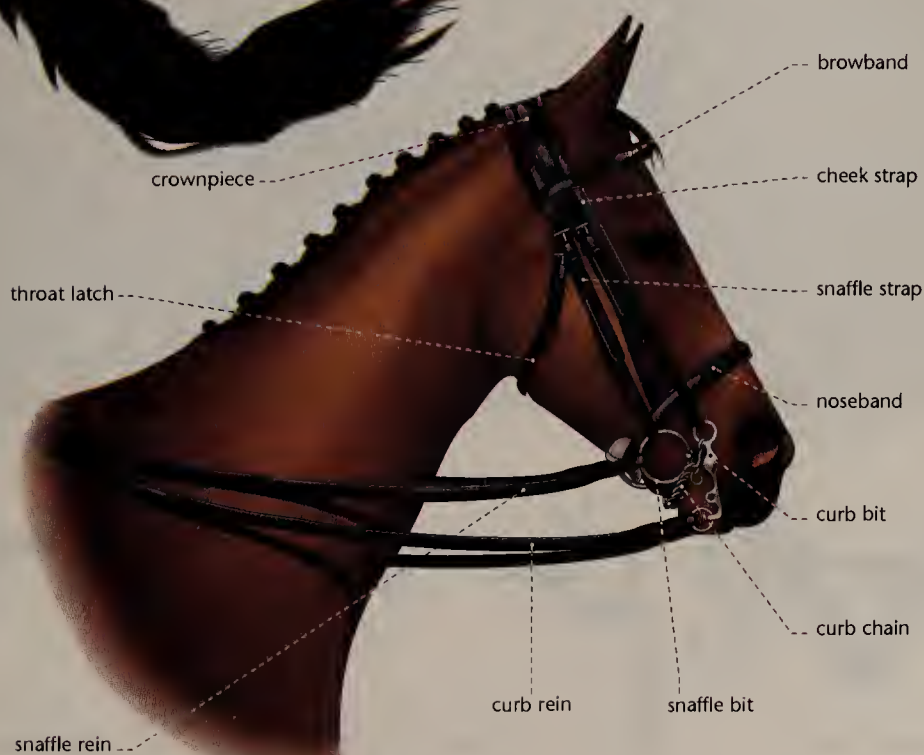
spur

saddletail

SADDLE

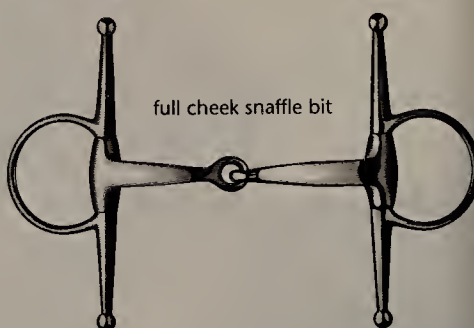
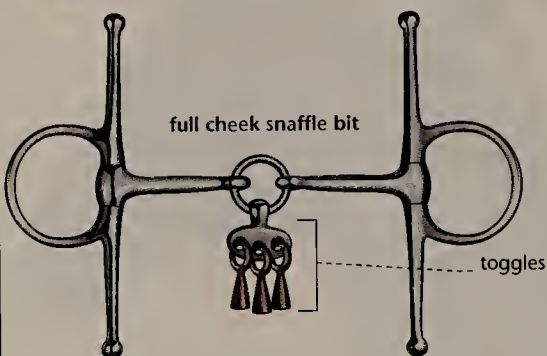
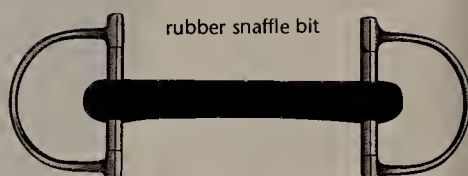
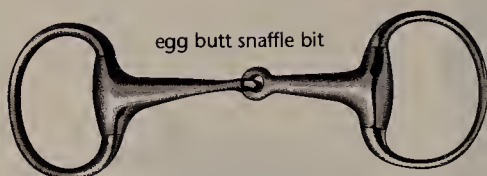
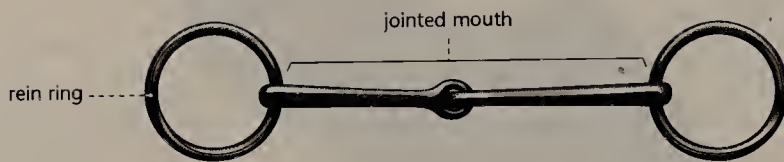


BRIDLE

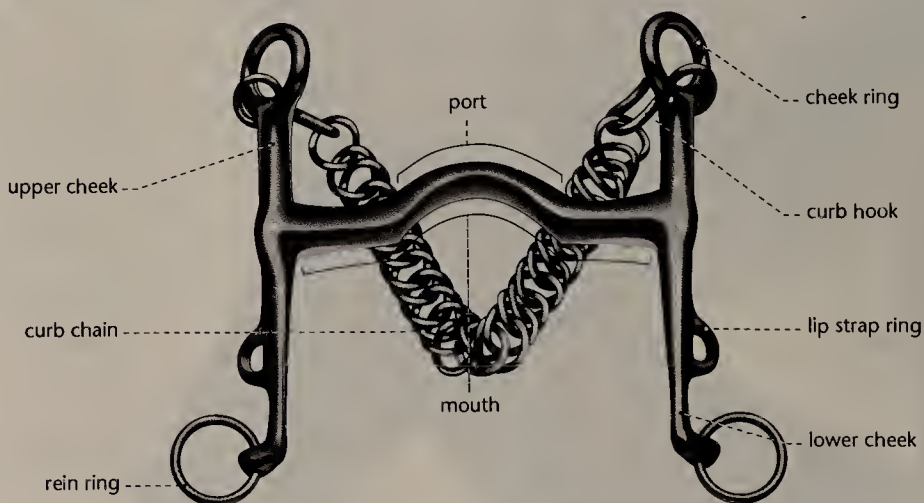


TYPES OF BITS

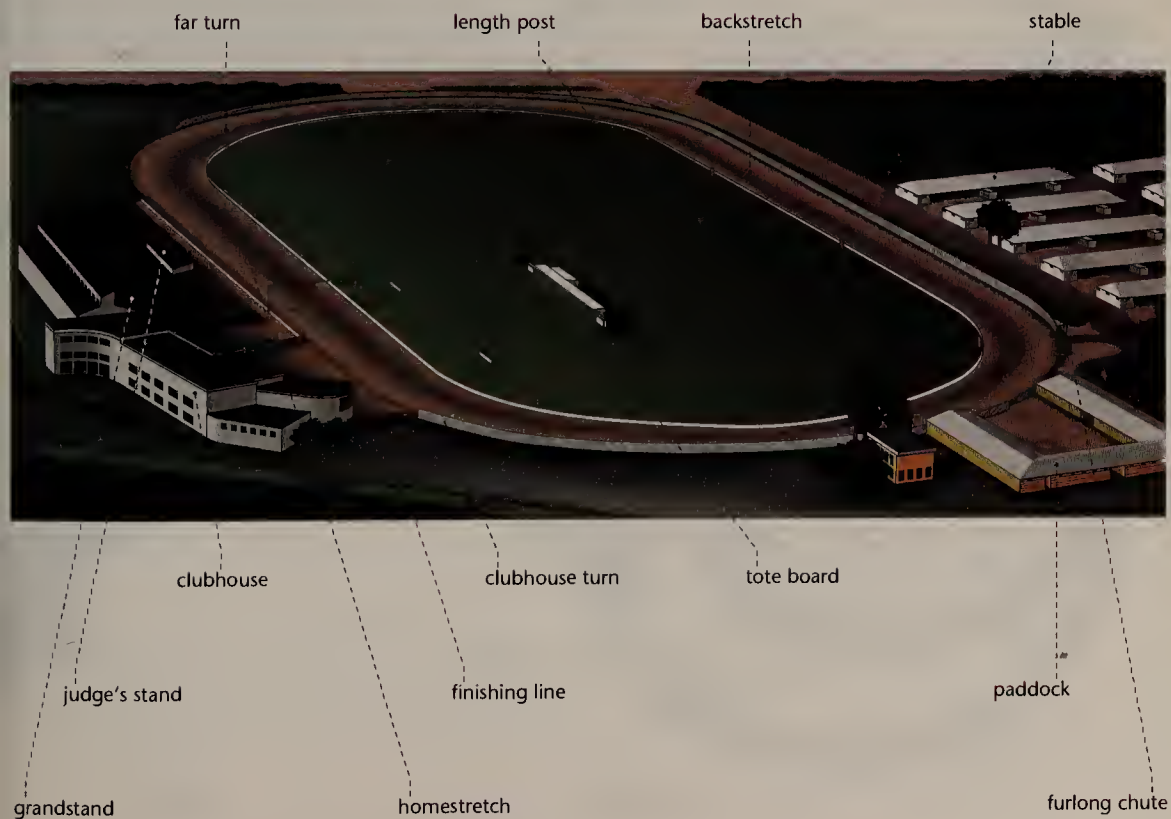
SNAFFLE BIT



CURB BIT



HORSE RACING



HARNESS RACING

STANDARD BRED PACER

driver

handhold

shaft

hobble hanger

hobble

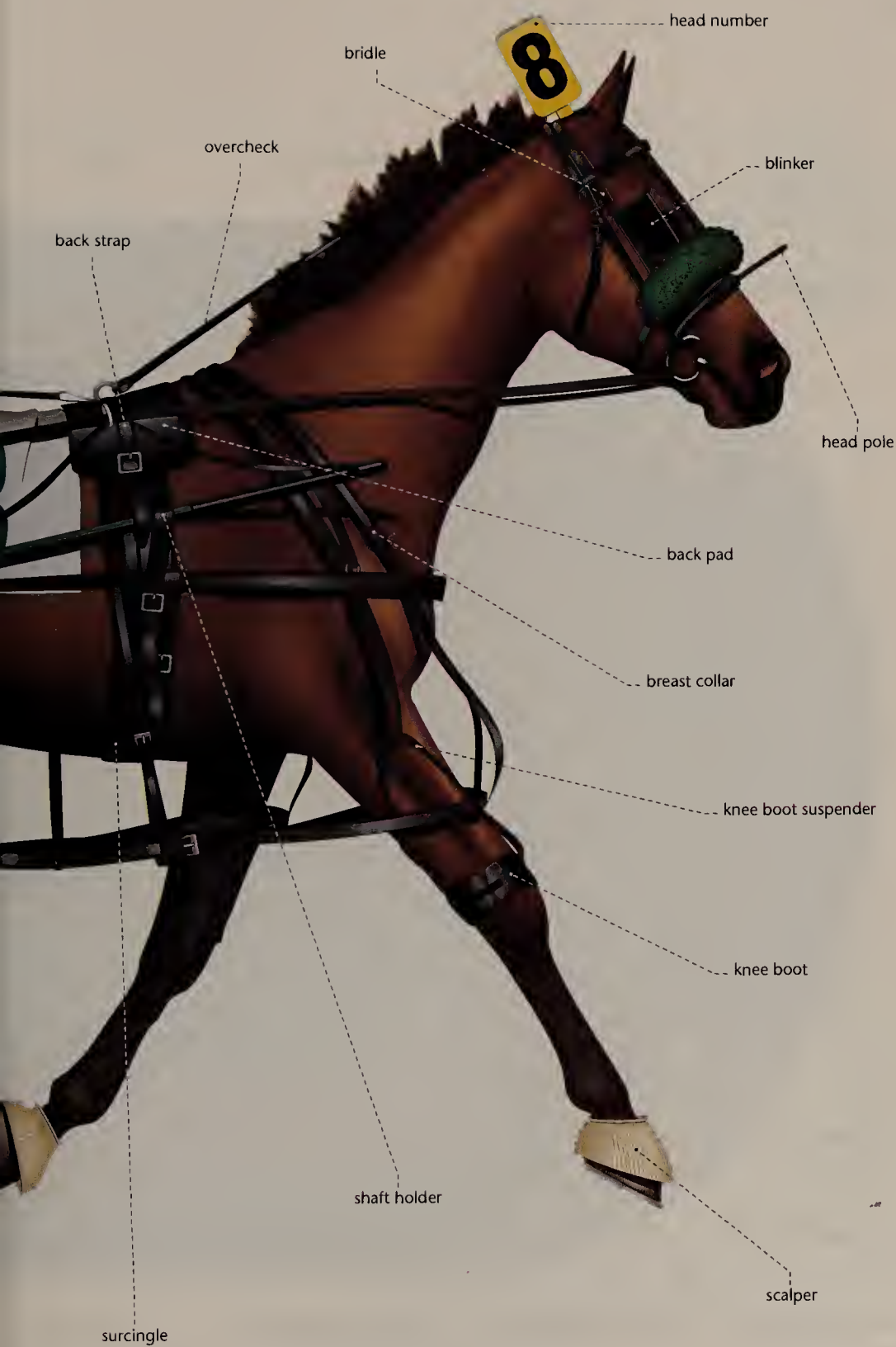
shin boot

seat

spoked wheel

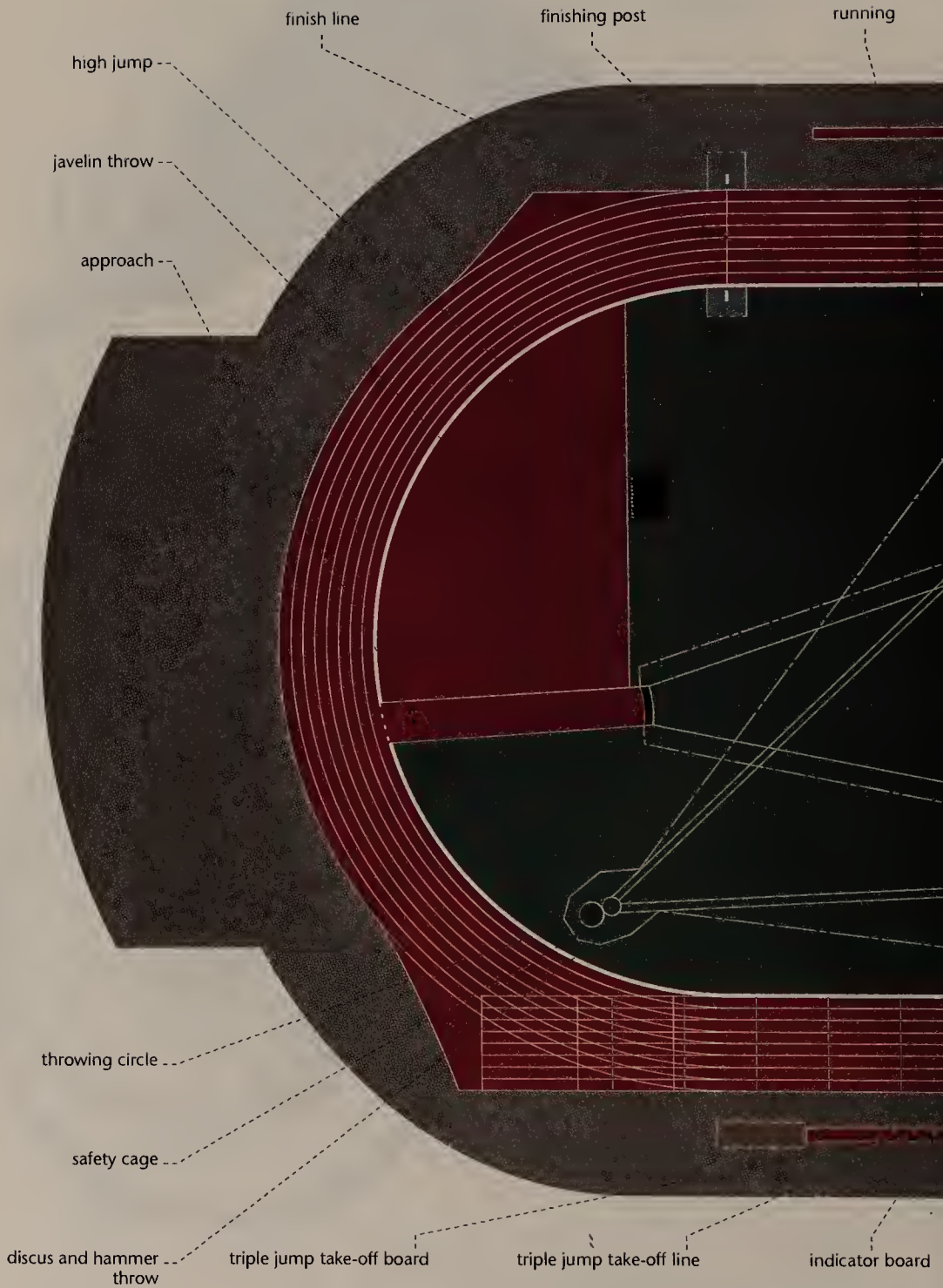
sulky

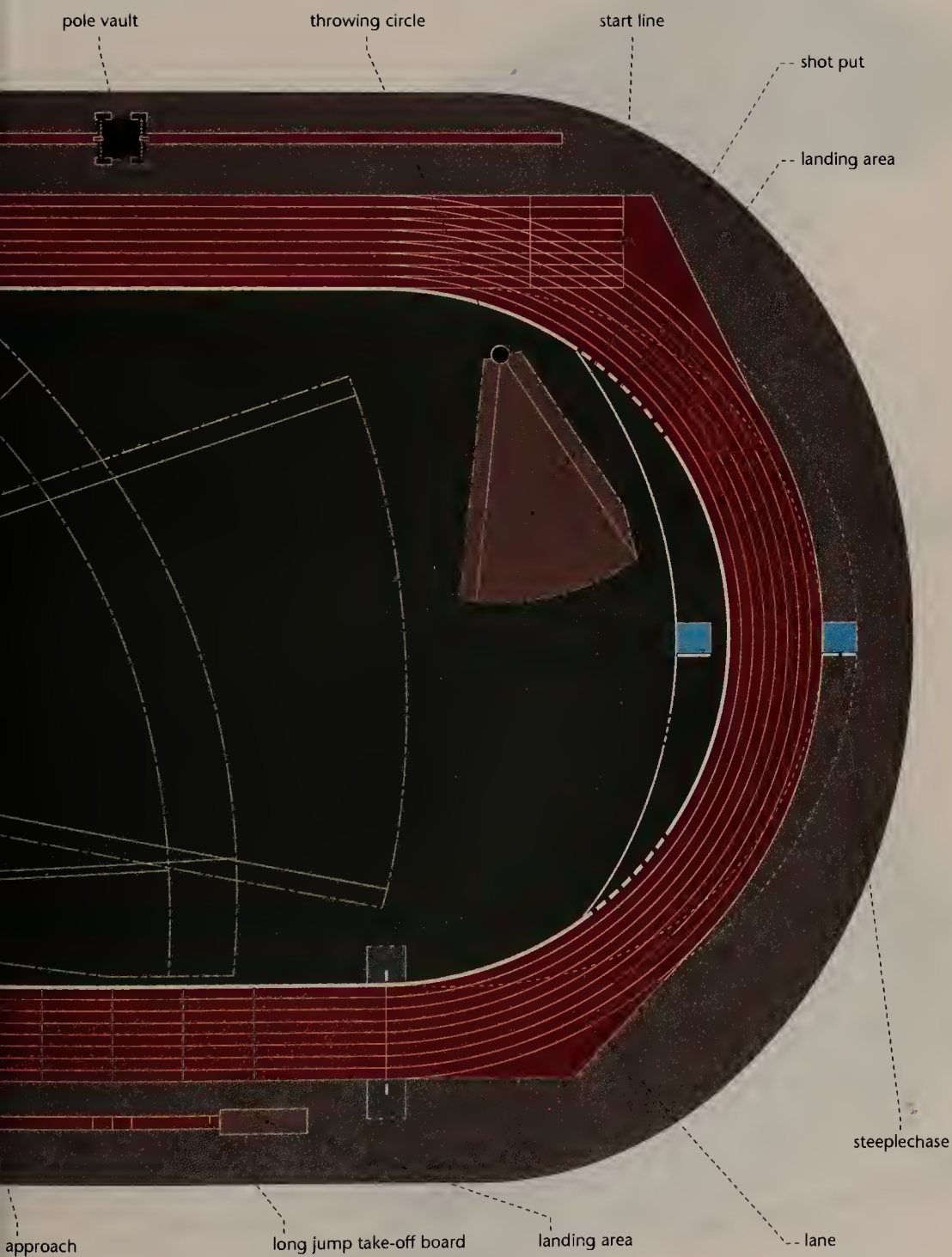
EQUESTRIAN SPORTS



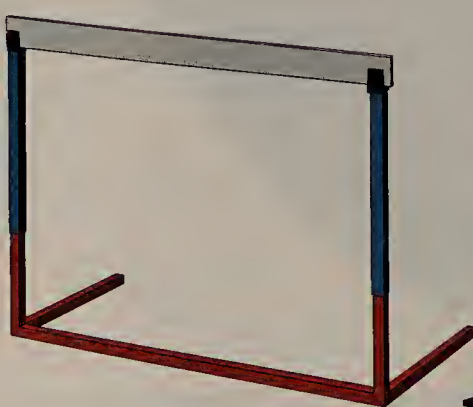
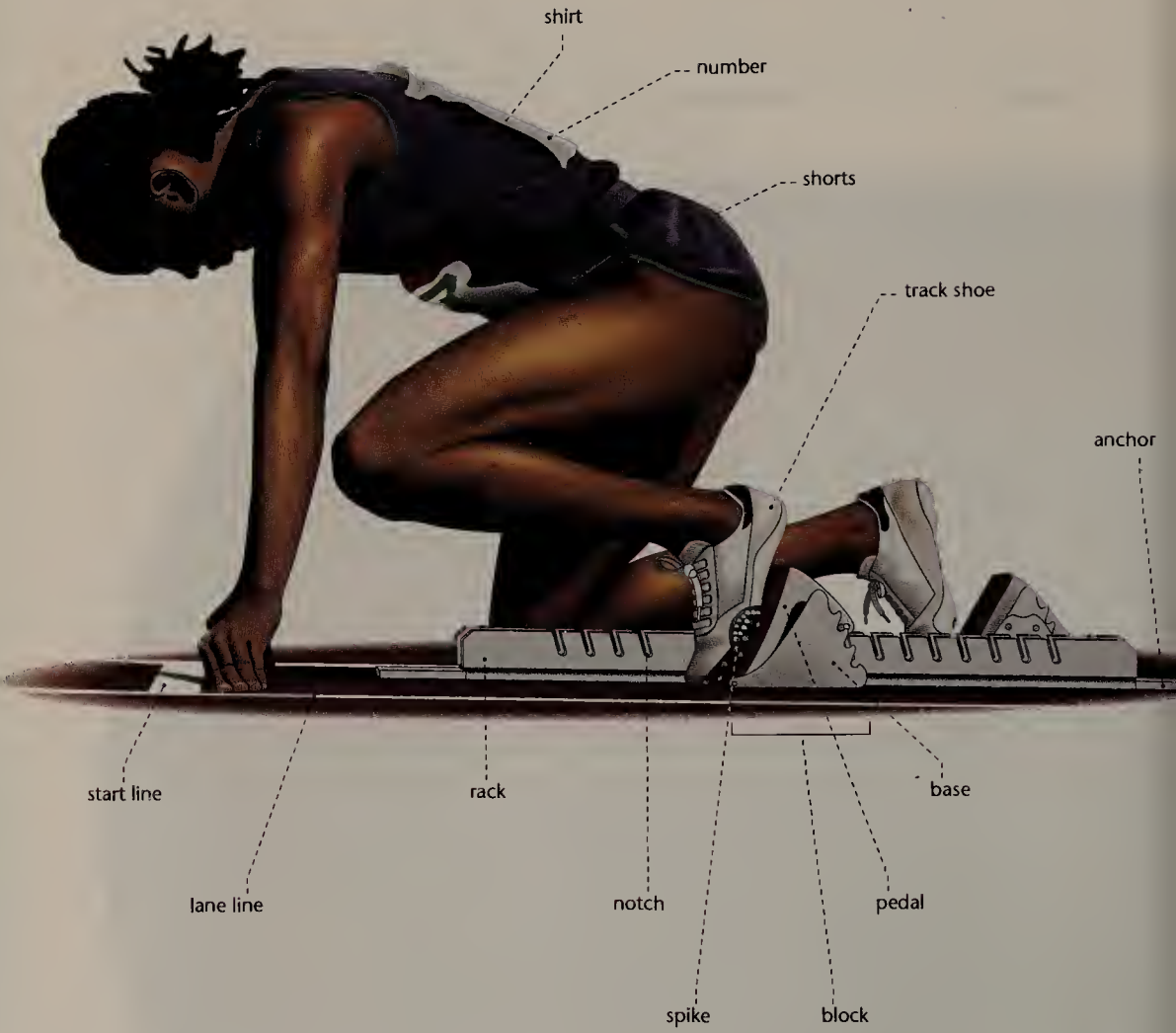
TRACK AND FIELD ATHLETICS

ARENA





STARTING BLOCK

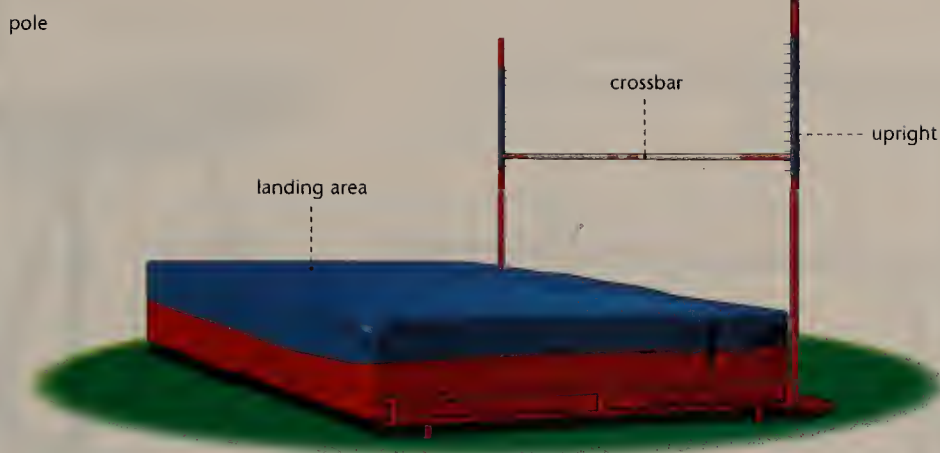


hurdle

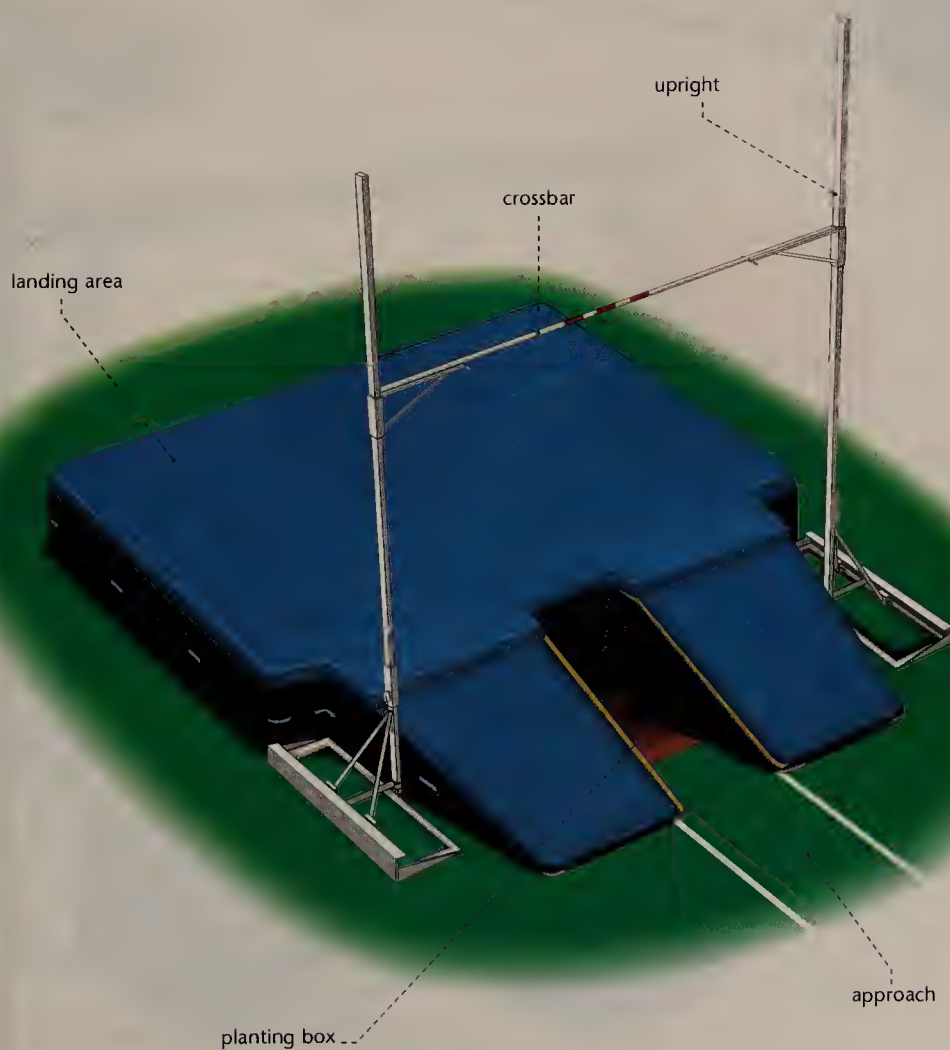


steeplechase hurdle

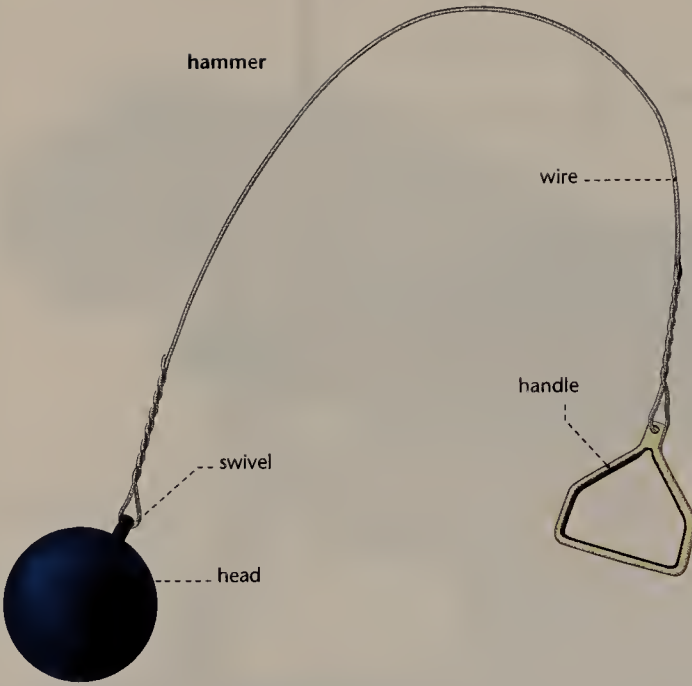
HIGH JUMP



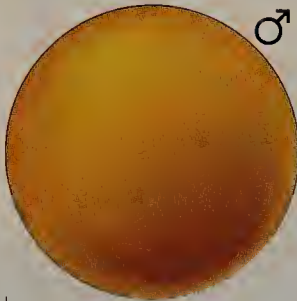
POLE VAULT



THROWINGS



4 - 4 3/4 in



4 3/8 - 5 1/8 in

shot



3 3/4 - 4 3/8 in



7 ft 2 in - 7 ft 6 in

8 ft 6 in - 8 ft 10 in

discus

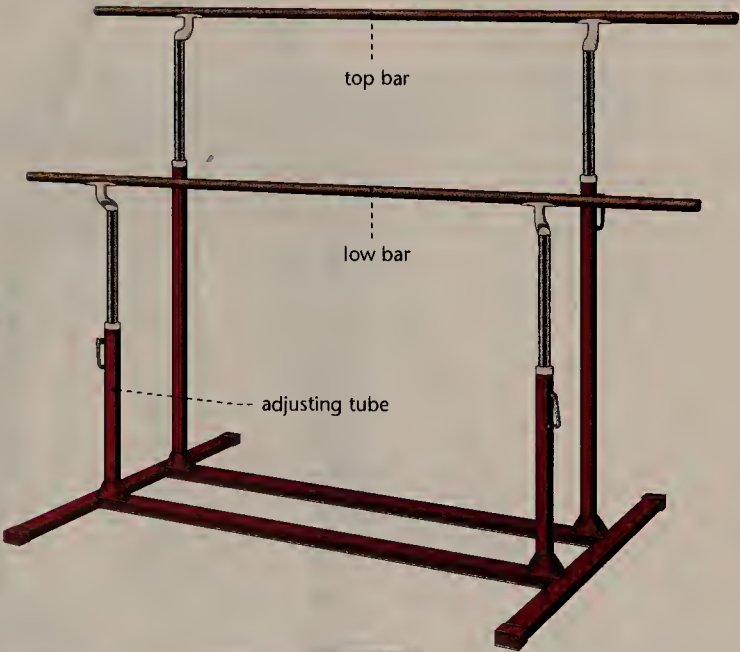


8 5/8 - 8 3/4 in



7 1/8 - 7 1/4 in

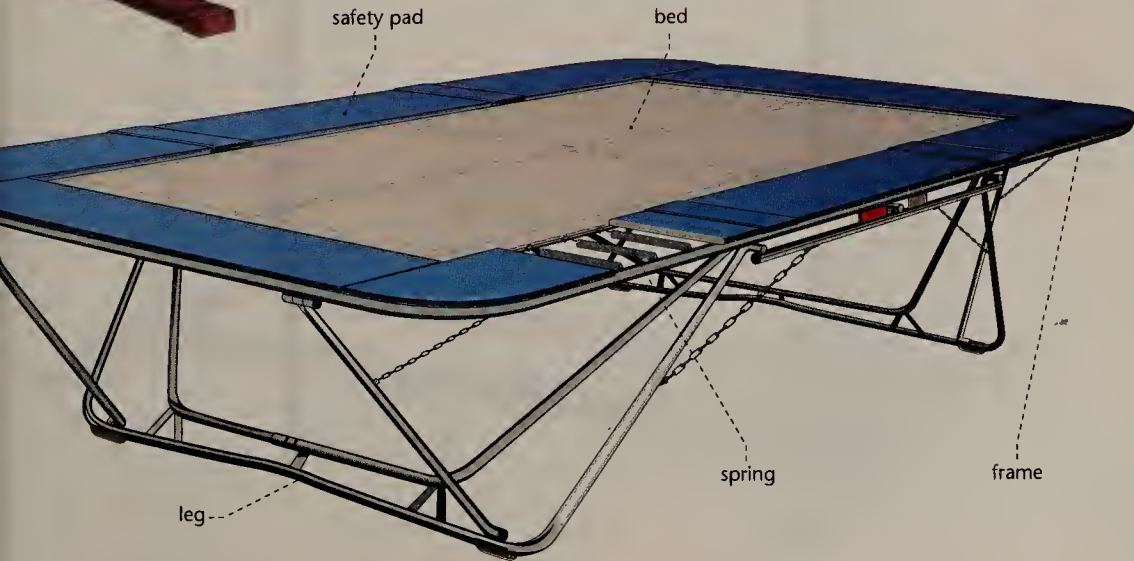
ASYMMETRICAL BARS



BALANCE BEAM

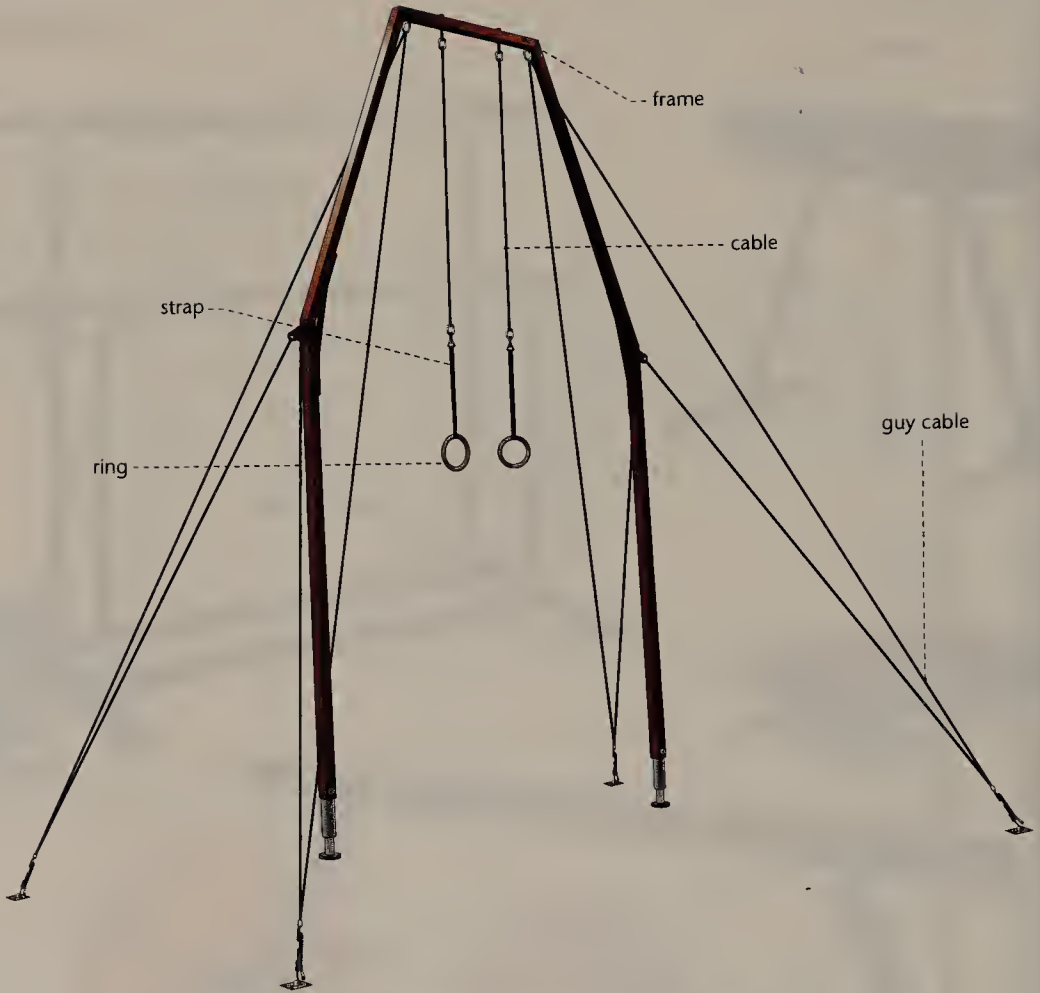


TRAMPOLINE

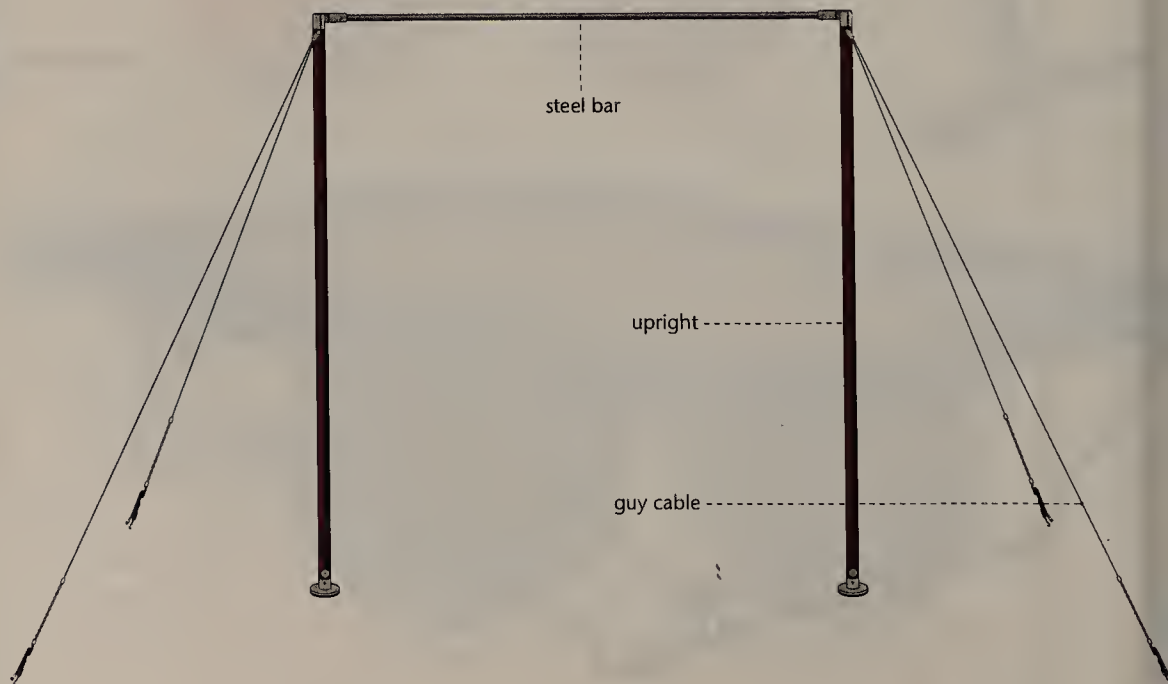


GYMNASTICS

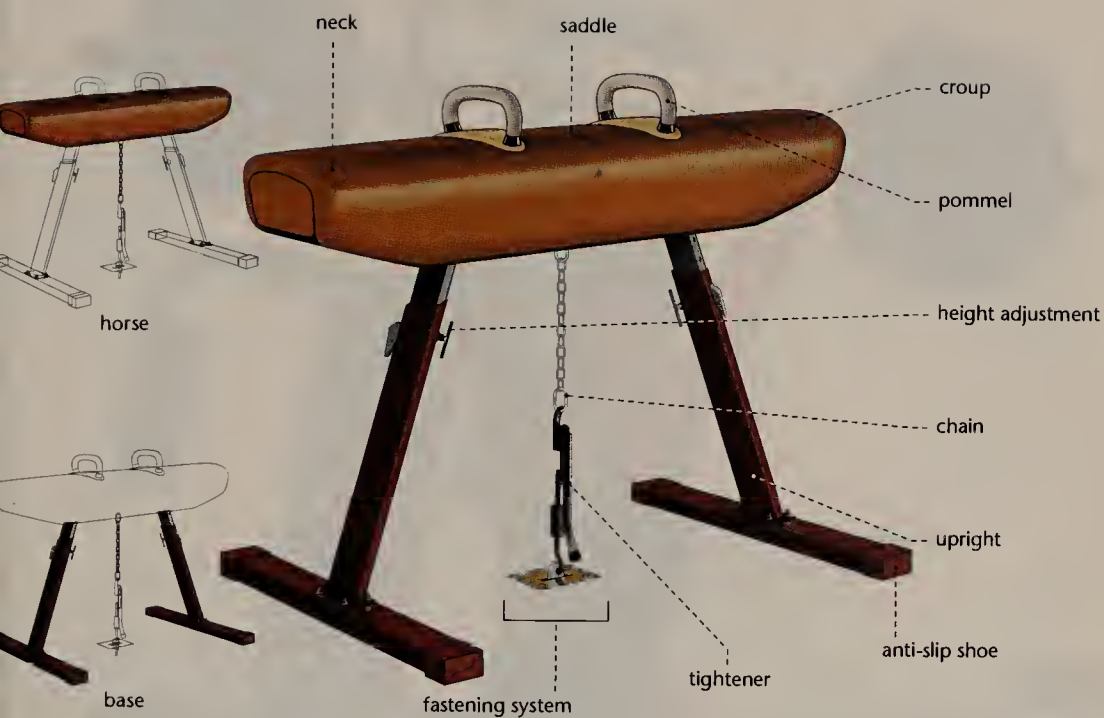
RINGS



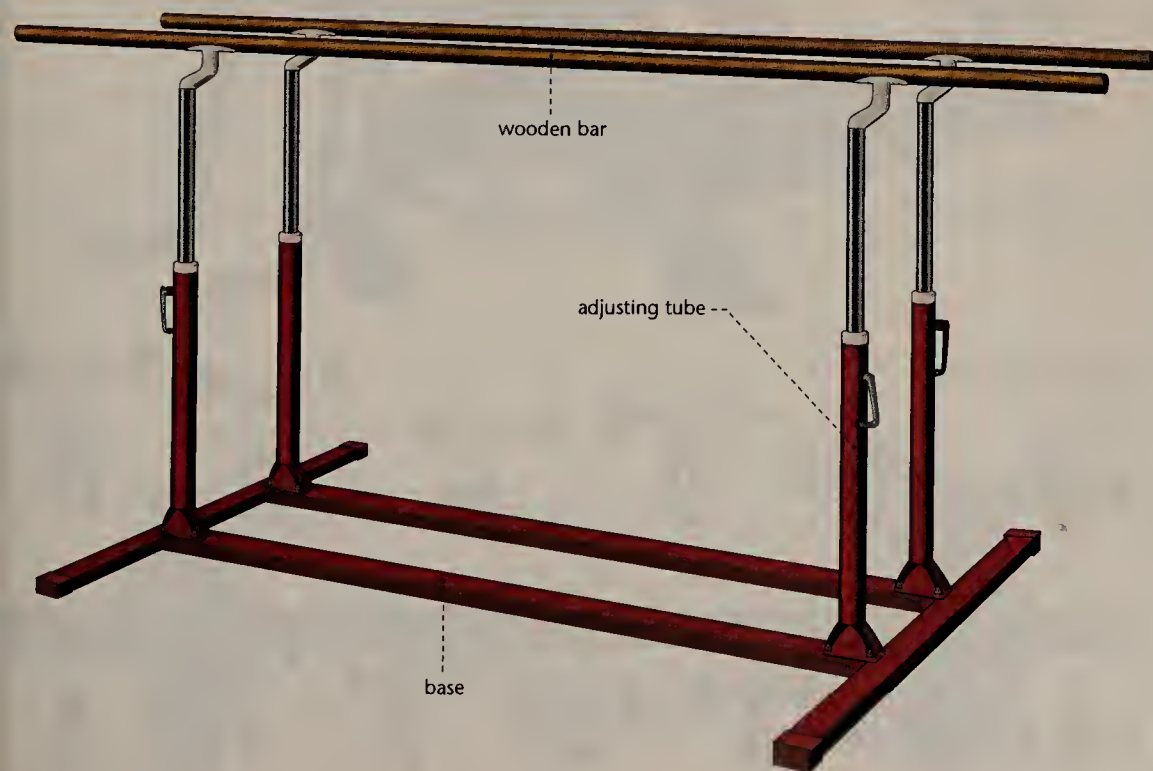
HORIZONTAL BAR



POMMEL HORSE



PARALLEL BARS



WEIGHTLIFTER



TWO-HAND SNATCH



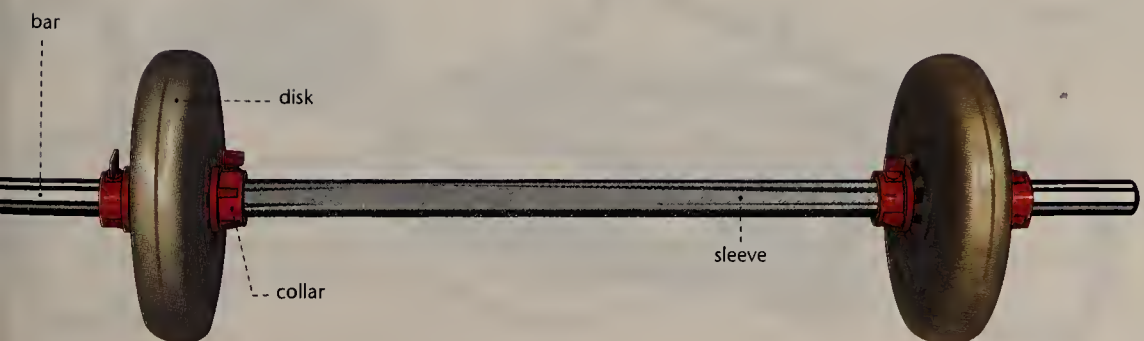
TWO-HAND CLEAN AND JERK



WEIGHT STACK EXERCISE UNIT



BARBELL



FITNESS EQUIPMENT

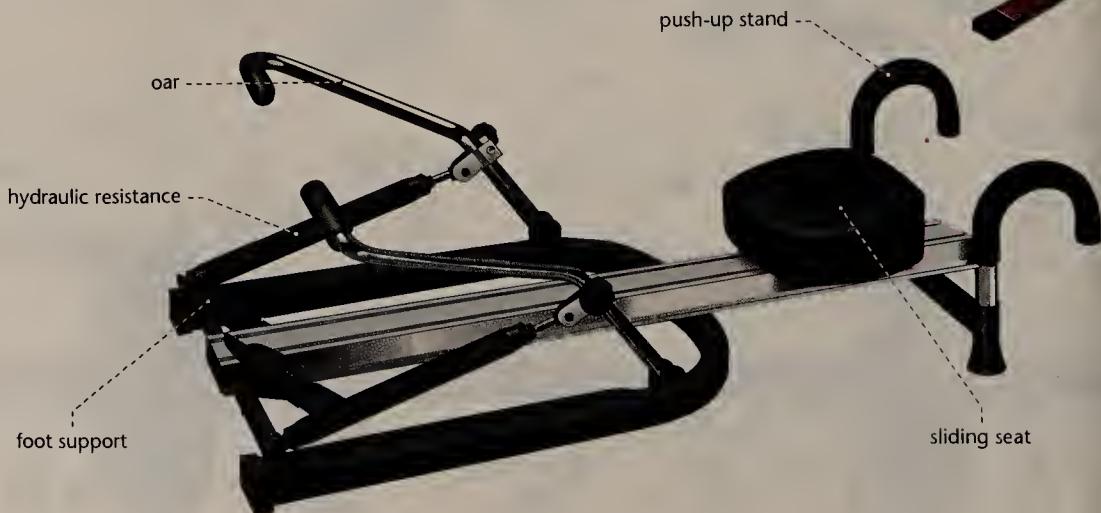
STATIONARY BICYCLE



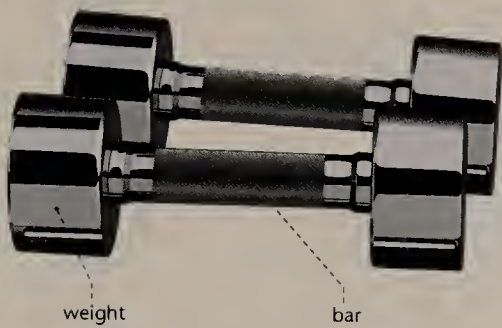
climber



ROWER



DUMBBELL



handgrips



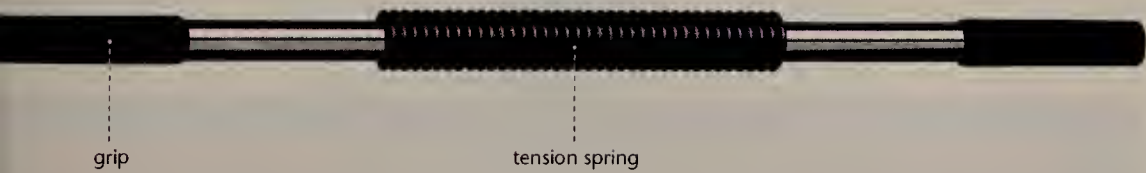
ankle/wrist weight



jump rope



TWIST BAR

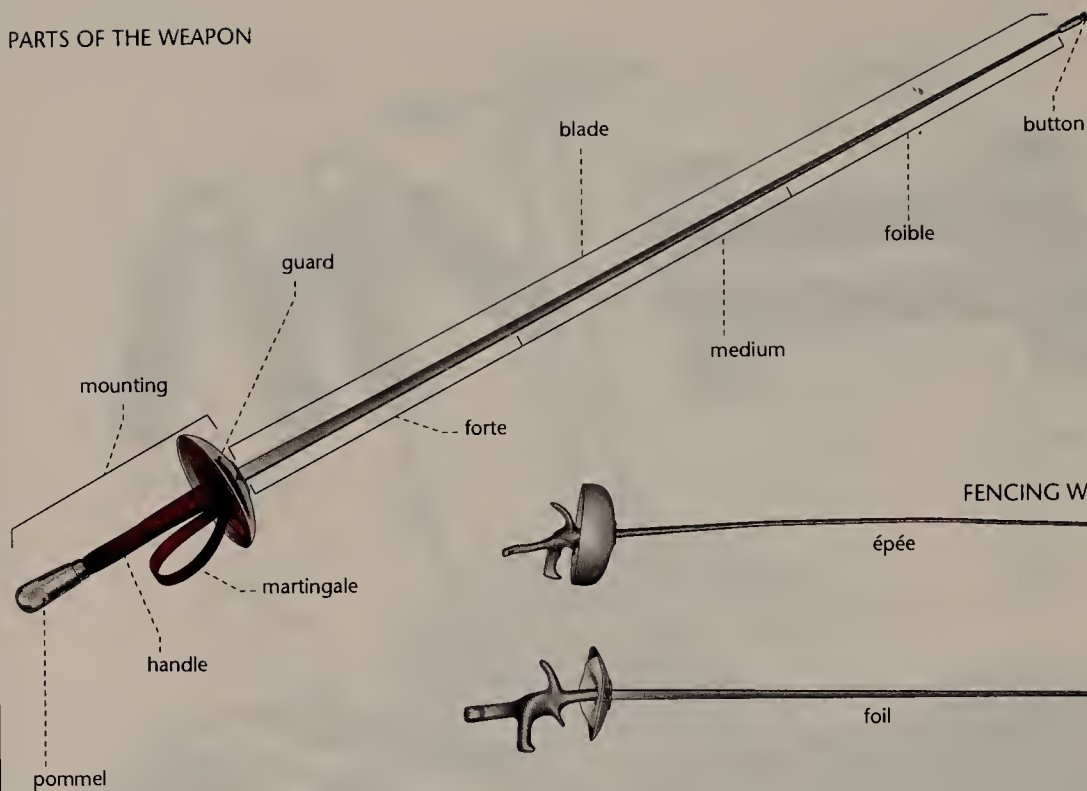


chest expander

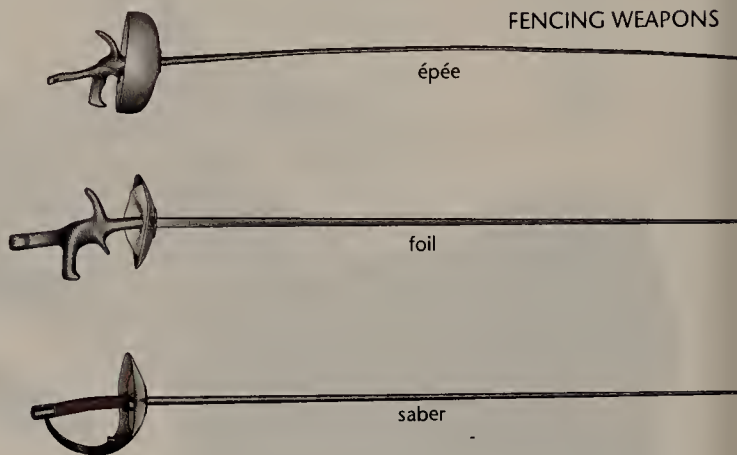


FENCING

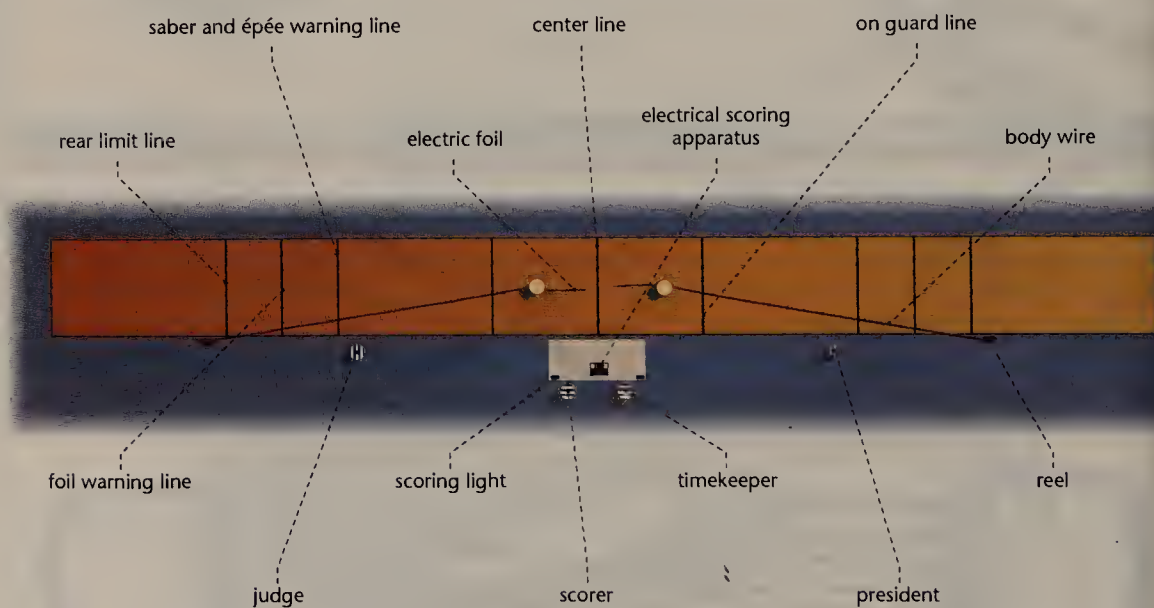
PARTS OF THE WEAPON



FENCING WEAPONS



PISTE



TARGET AREAS



épéist



foilist

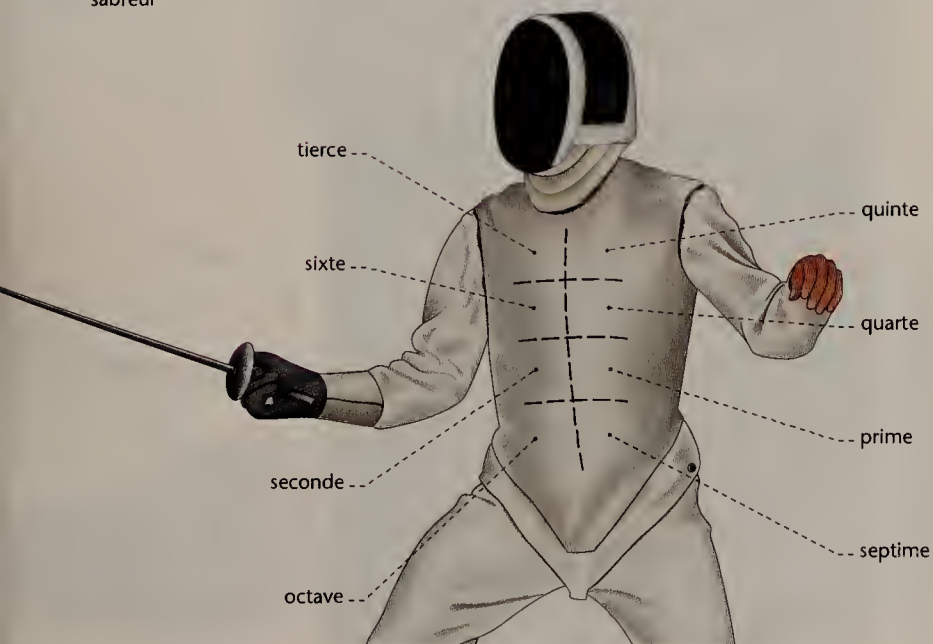


sabreur

FENCER

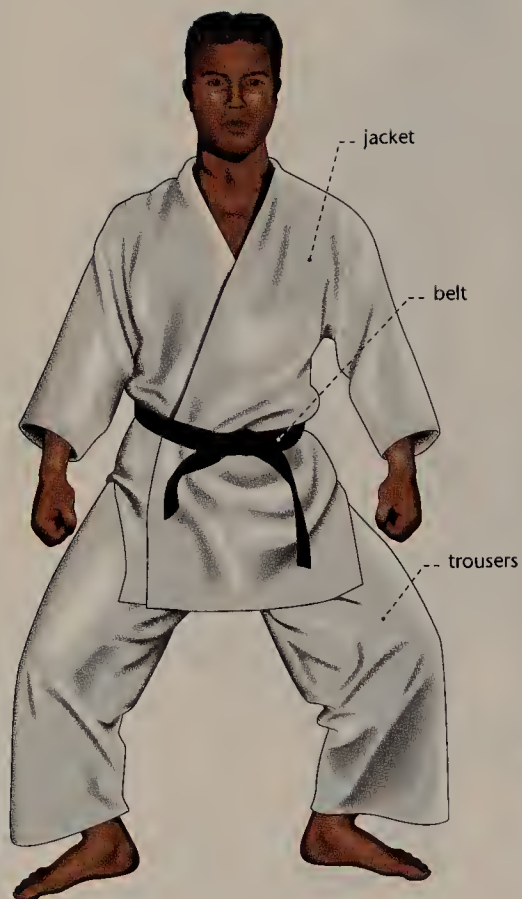


POSITIONS



JUDO

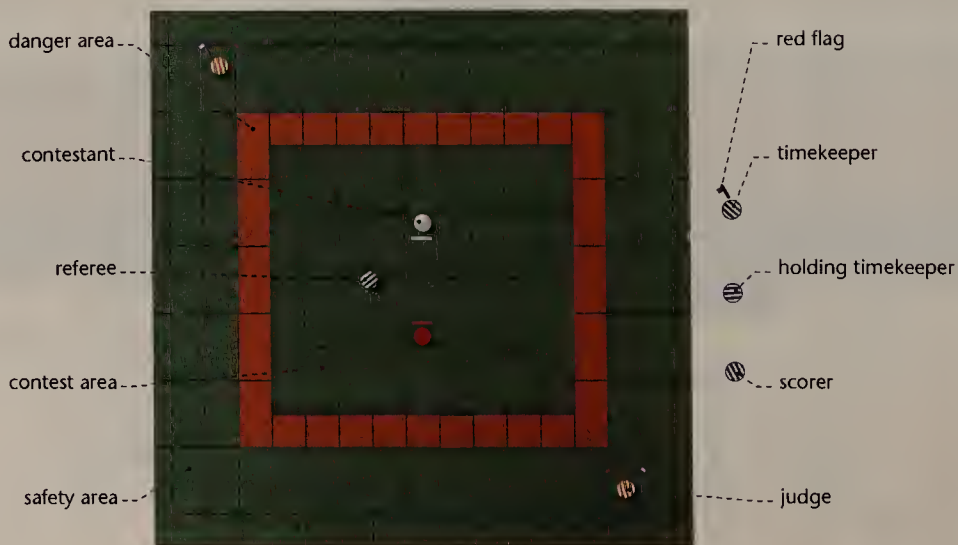
JUDO SUIT



EXAMPLES OF HOLDS

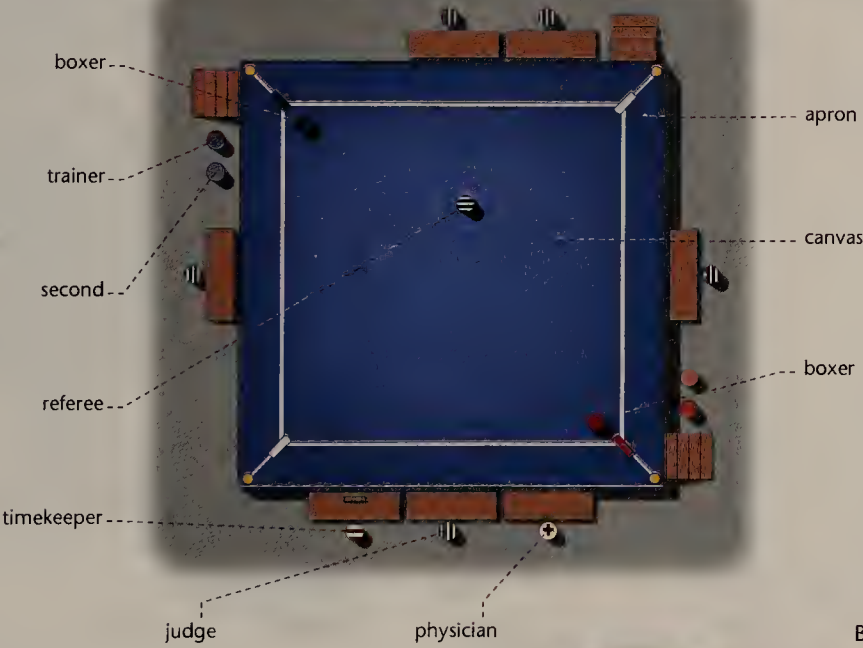
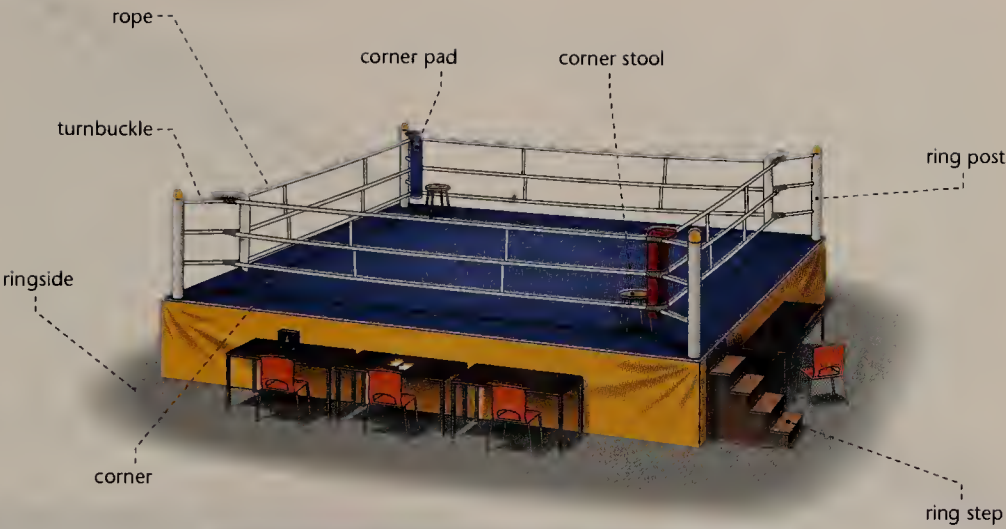


MAT



BOXING

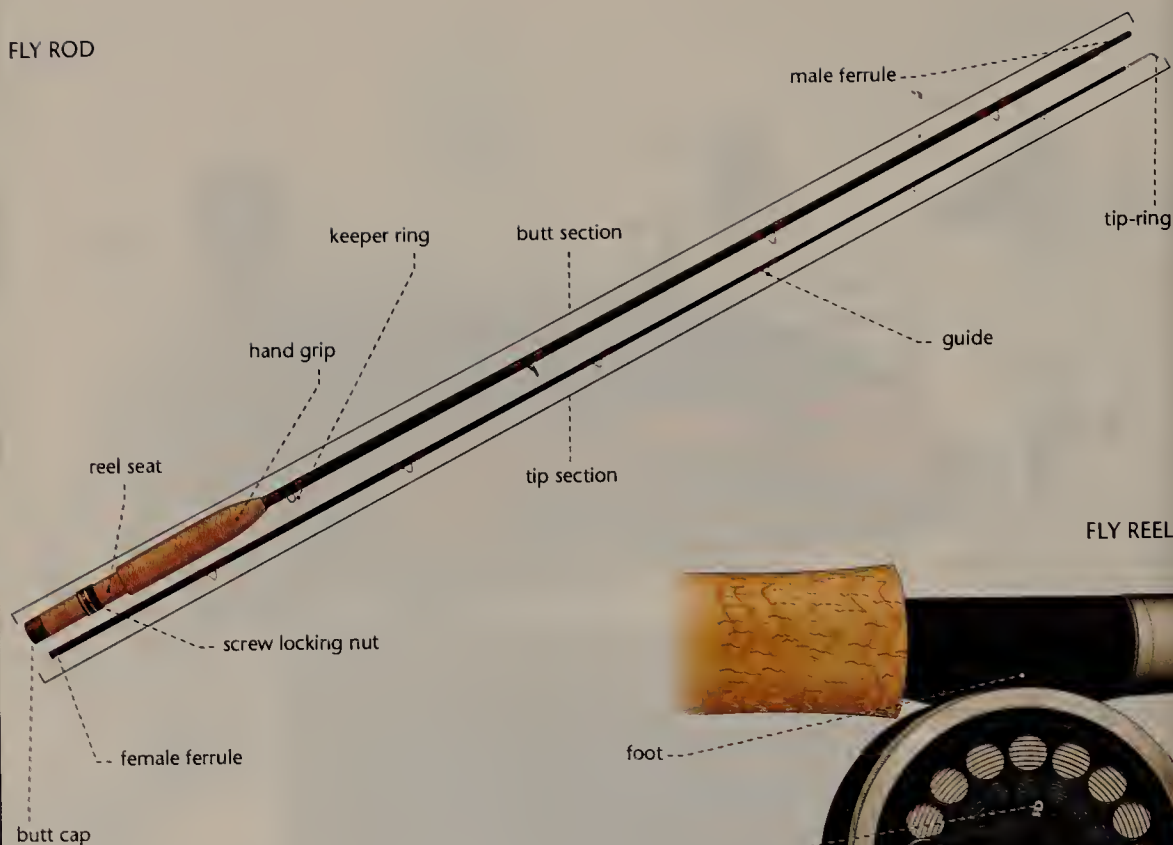
RING



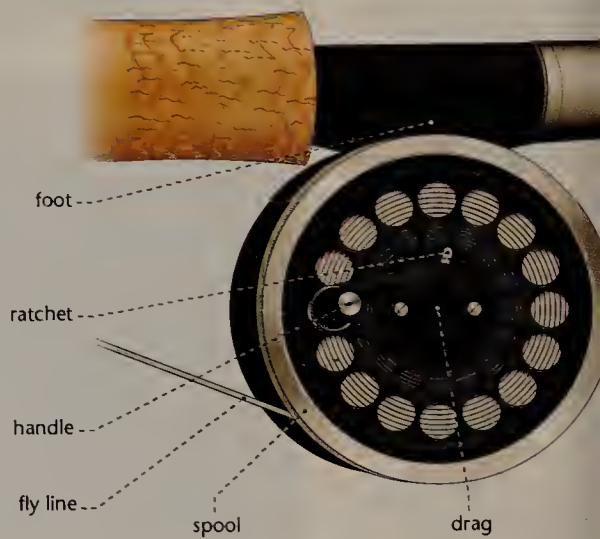
BOXING GLOVES



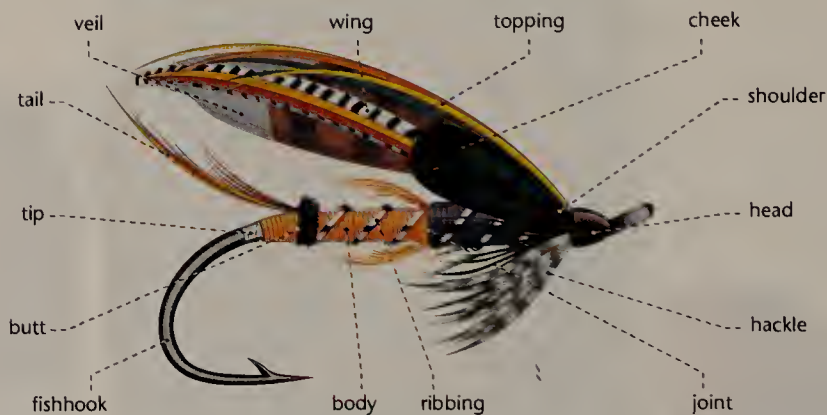
FLY ROD



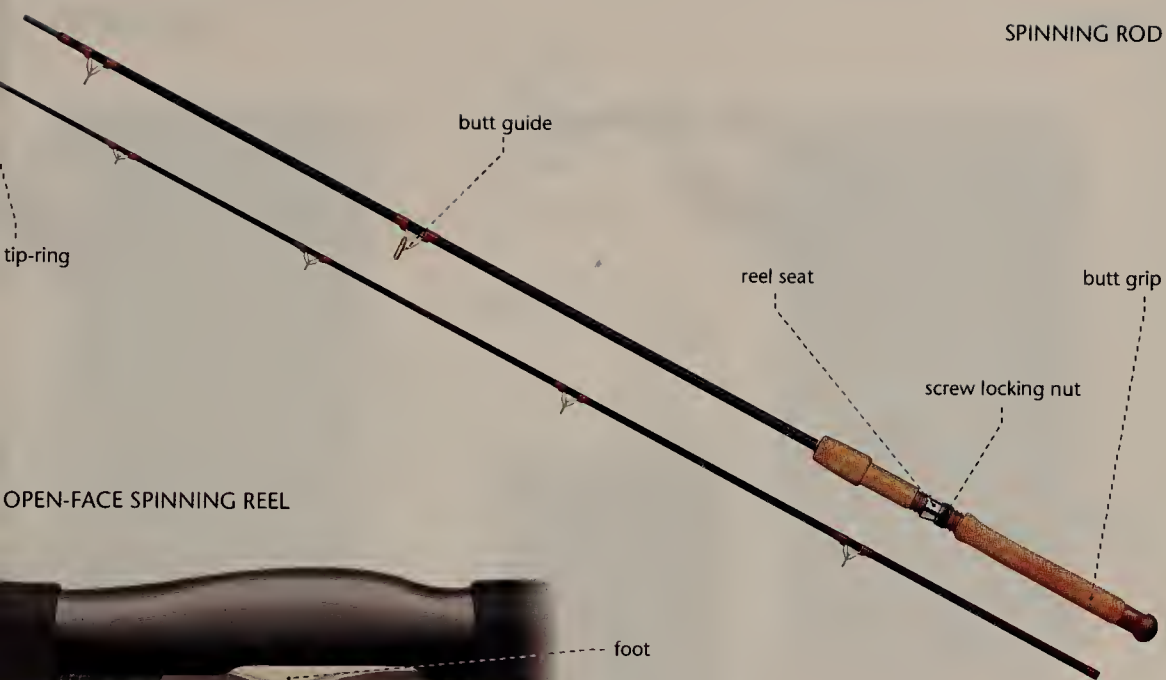
FLY REEL



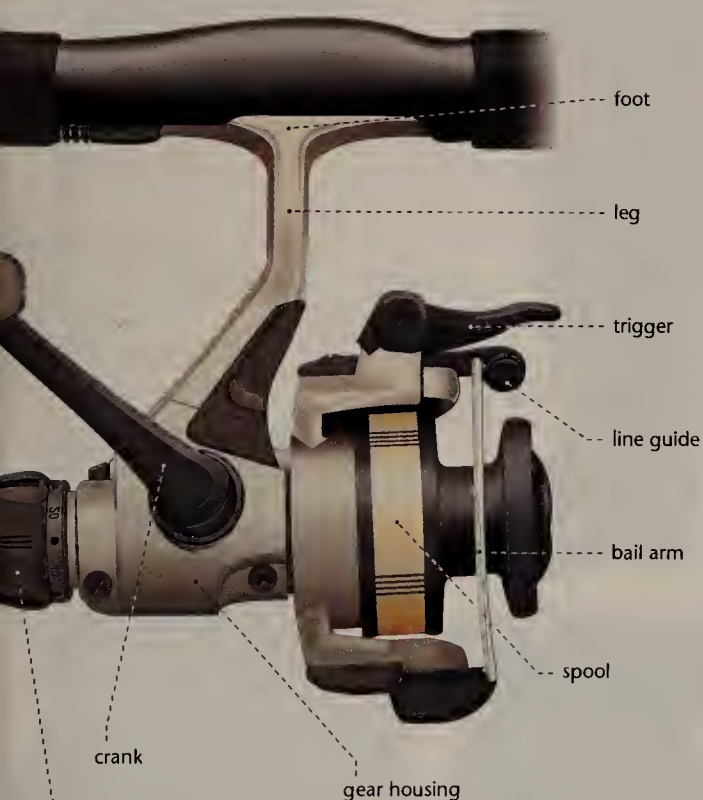
ARTIFICIAL FLY



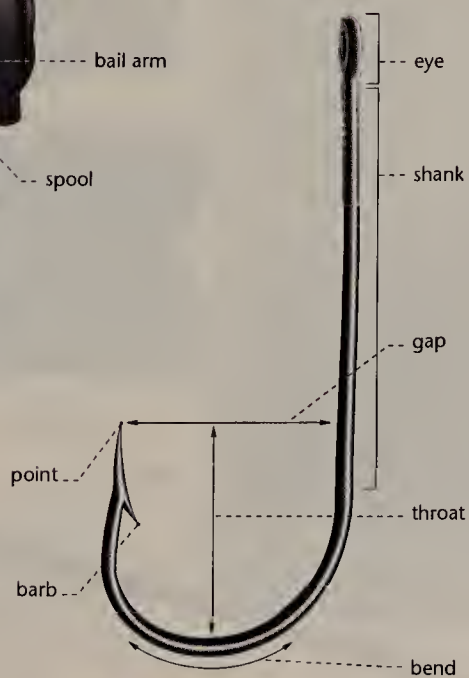
SPINNING ROD



OPEN-FACE SPINNING REEL

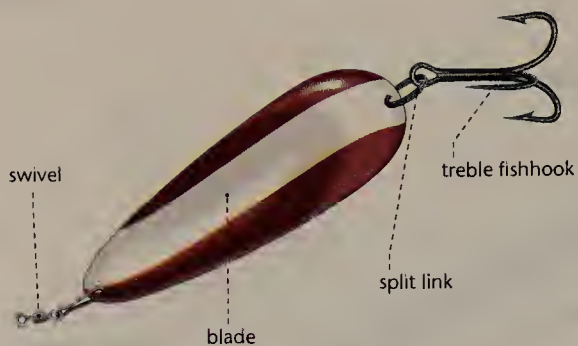


FISHHOOK

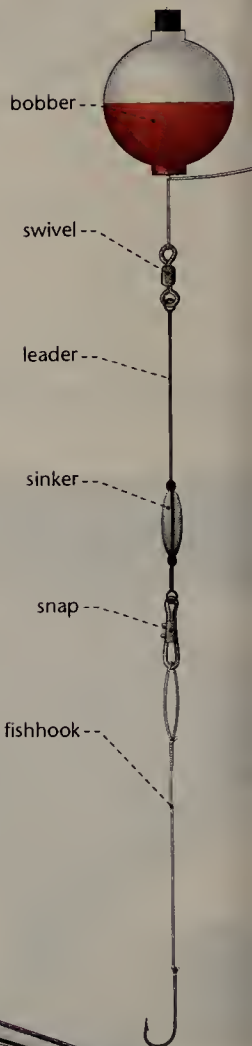


FISHING

SPINNER



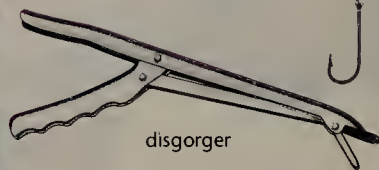
TERMINAL TACKLES



FISHING GARMENT



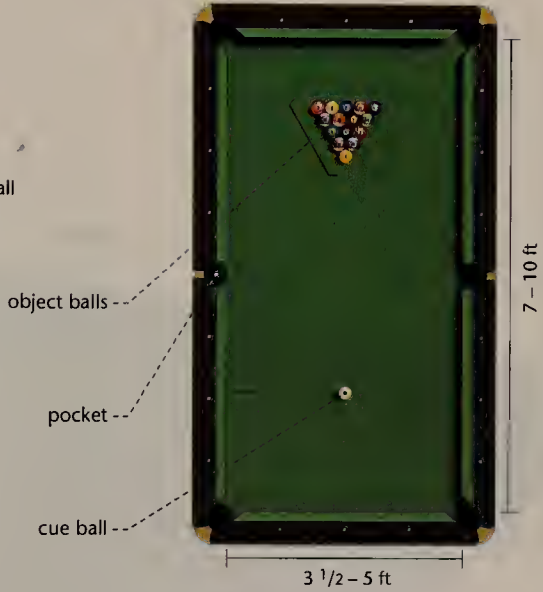
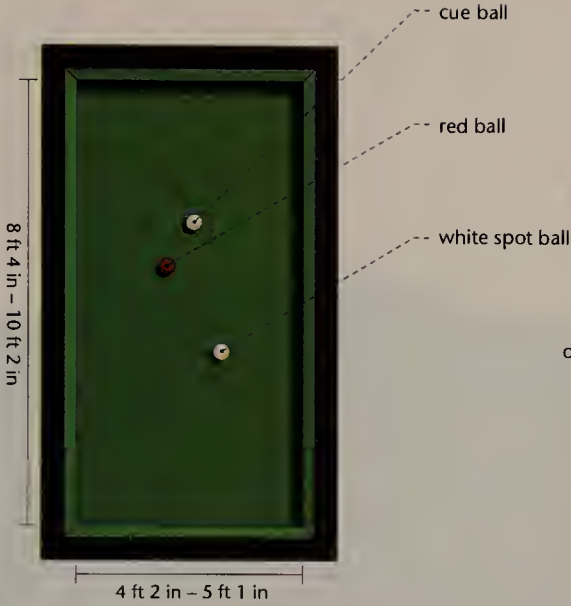
ACCESSORIES



BILLIARDS

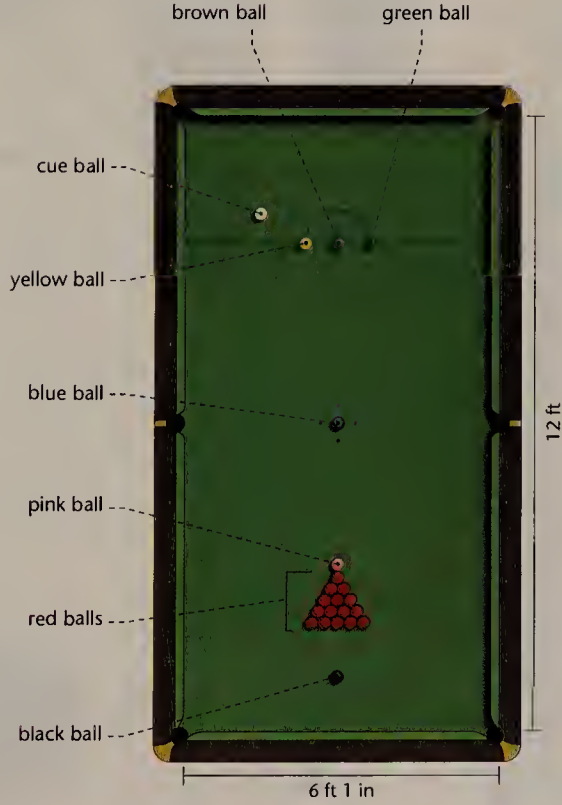
CAROM BILLIARDS

POOL



ENGLISH BILLIARDS

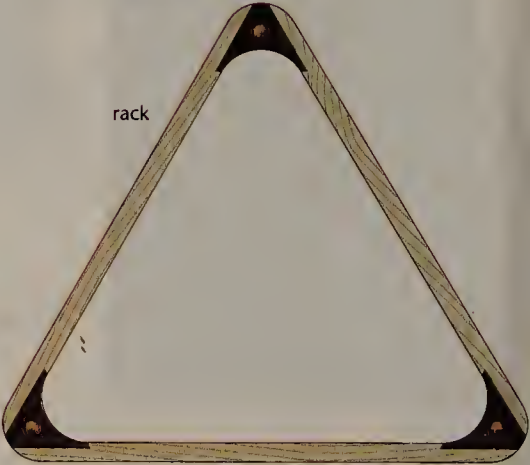
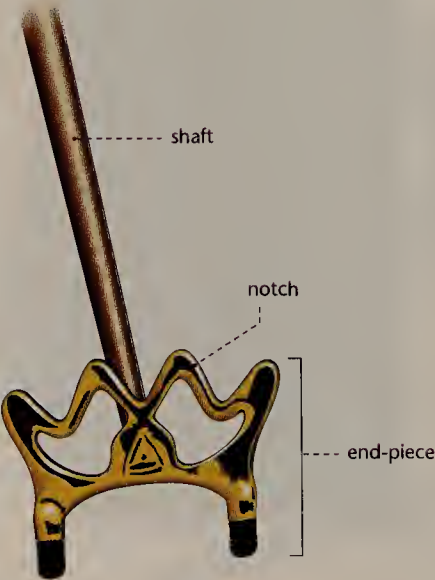
SNOOKER

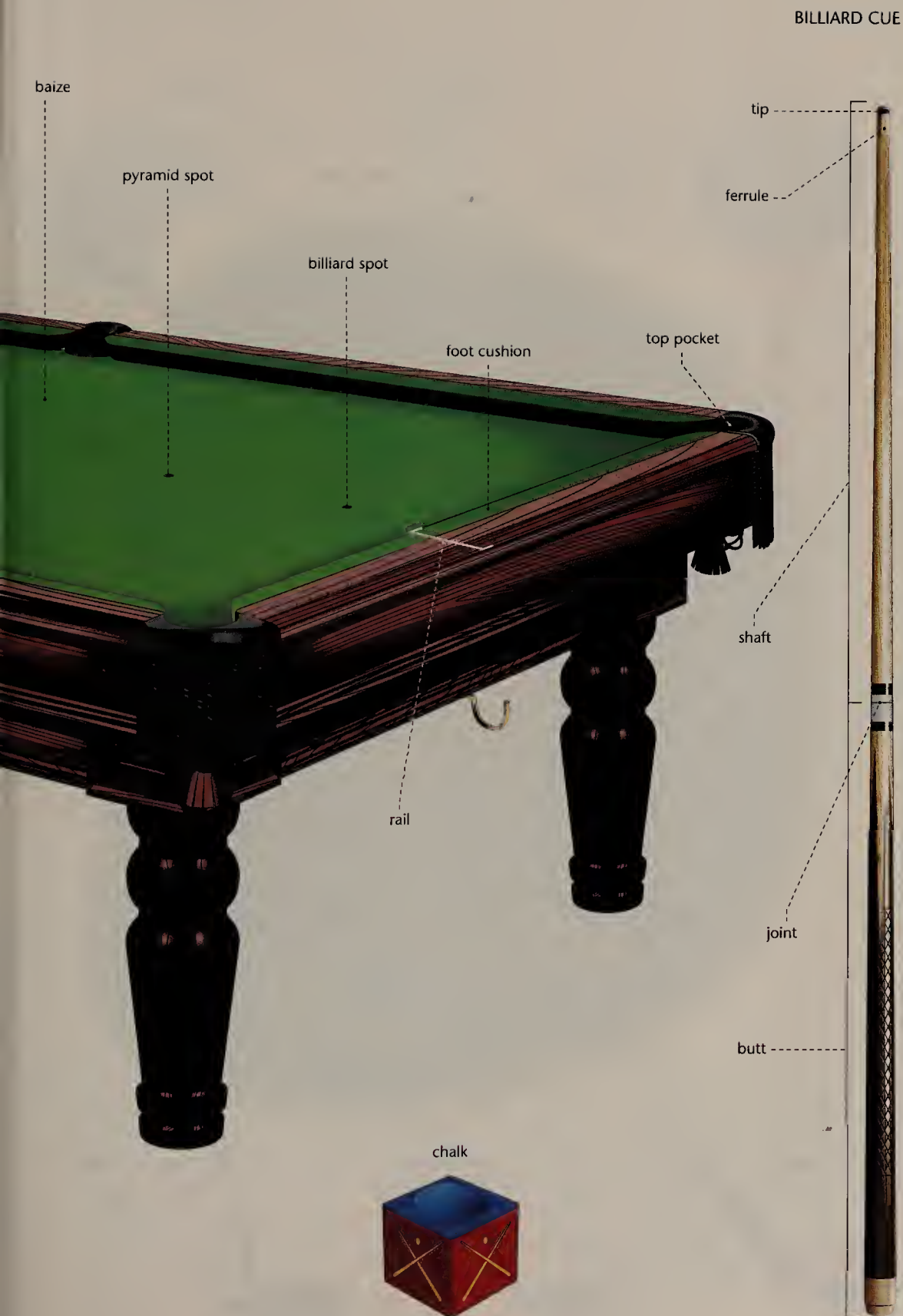


TABLE



BRIDGE



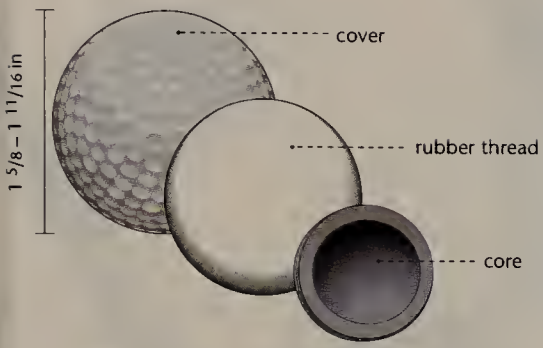


GOLF

COURSE



CROSS SECTION OF A GOLF BALL



GOLF BALL



TYPES OF GOLF CLUBS



GOLF

WOOD

IRON



GOLF CLUBS



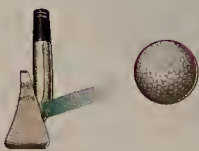
driver



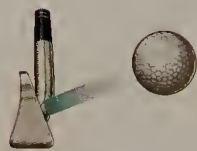
no. 3 wood



no. 5 wood



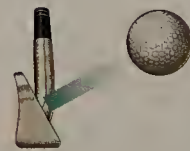
no. 3 iron



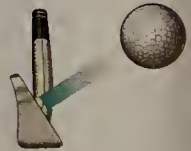
no. 4 iron



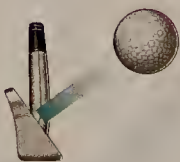
no. 5 iron



no. 6 iron



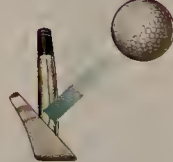
no. 7 iron



no. 8 iron



no. 9 iron



pitching wedge



sand wedge



putter

golf glove



head cover



golf shoe



GOLF BAG

umbrella ring

handle

shoulder strap

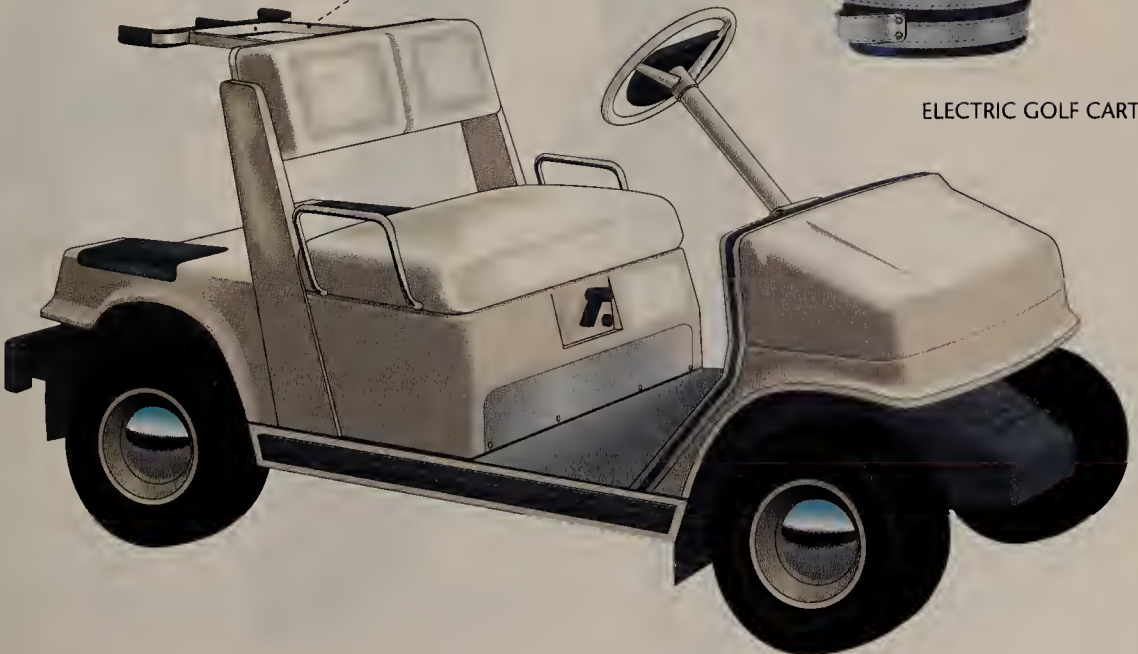
pocket



bag well



ELECTRIC GOLF CART

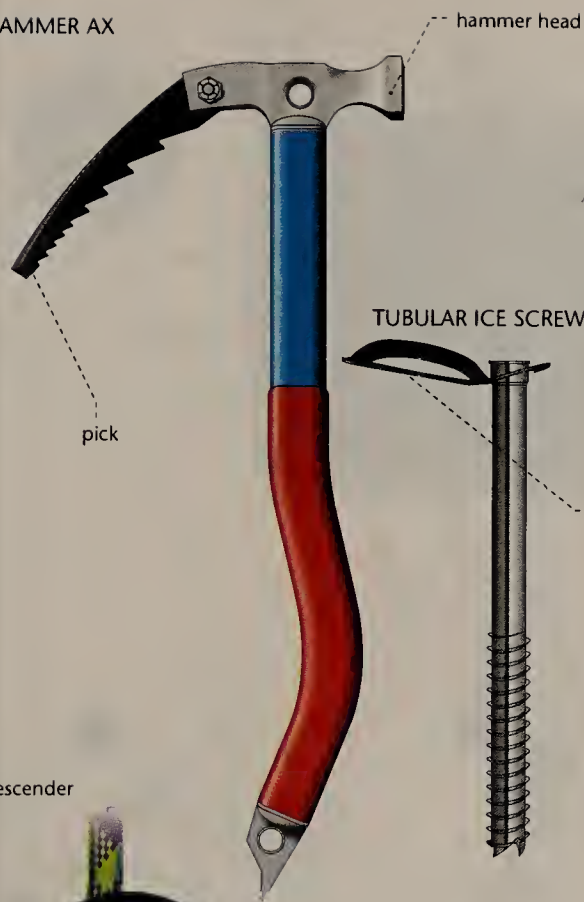


MOUNTAINEERING

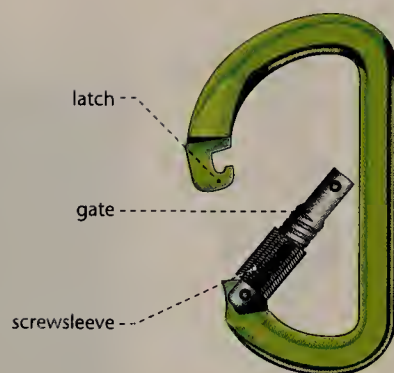
MOUNTAINEER



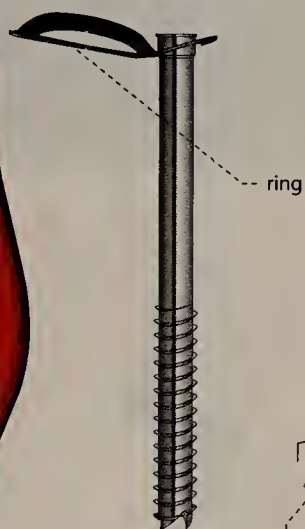
HAMMER AX



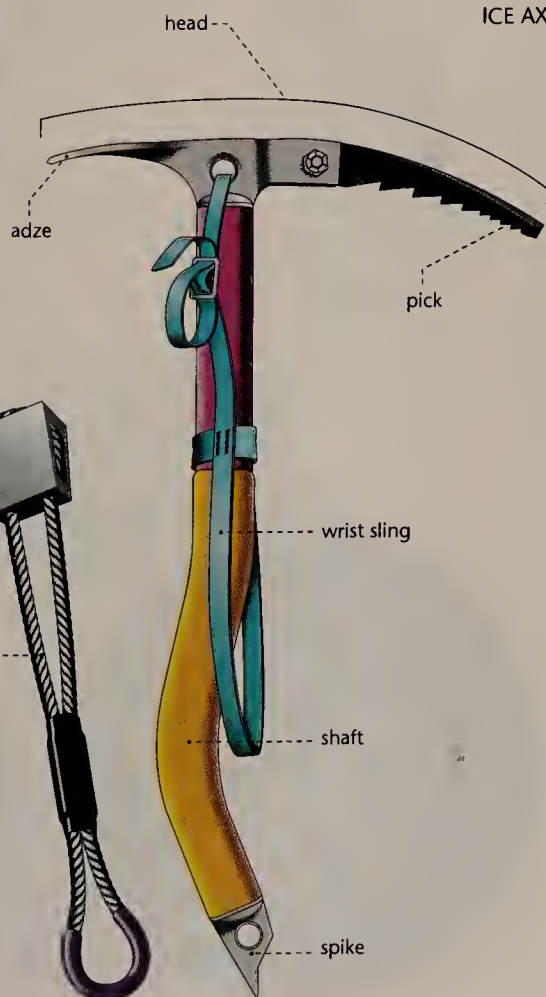
CARABINER



TUBULAR ICE SCREW



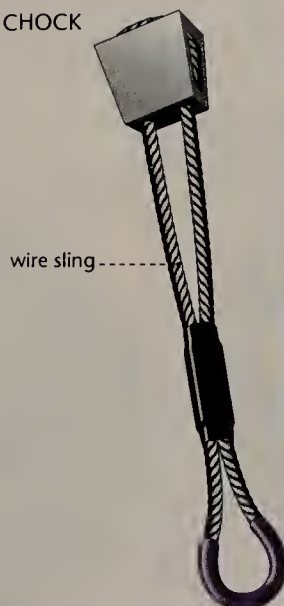
ICE AX



descender



CHOCK

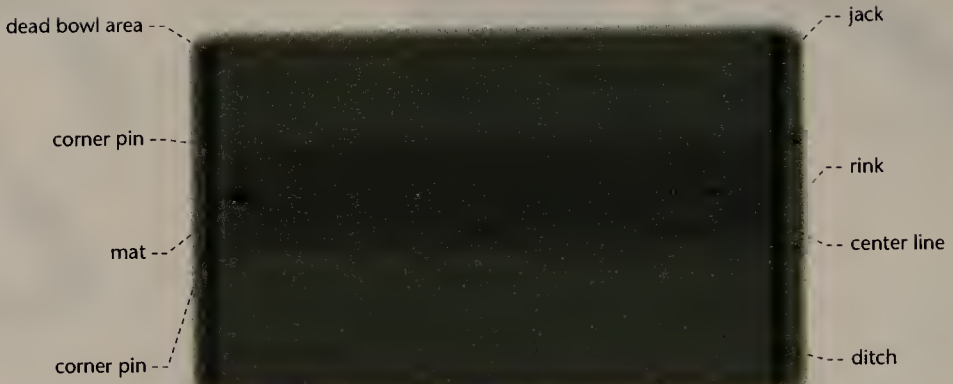


PITON



BOWLS AND PETANQUE

GREEN



DELIVERY



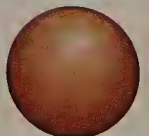
bowl



petanque bowl



jack



BOWLING

BOWLING BALL



tenpin



duckpin



candlepin

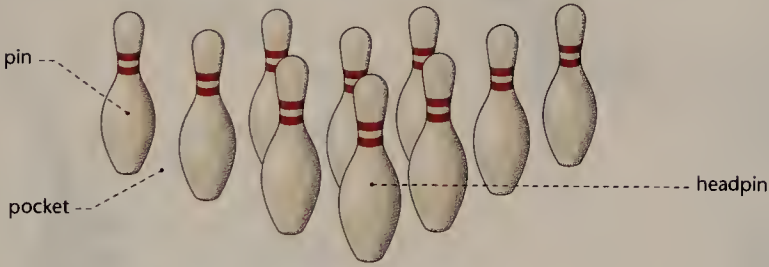


duckpin



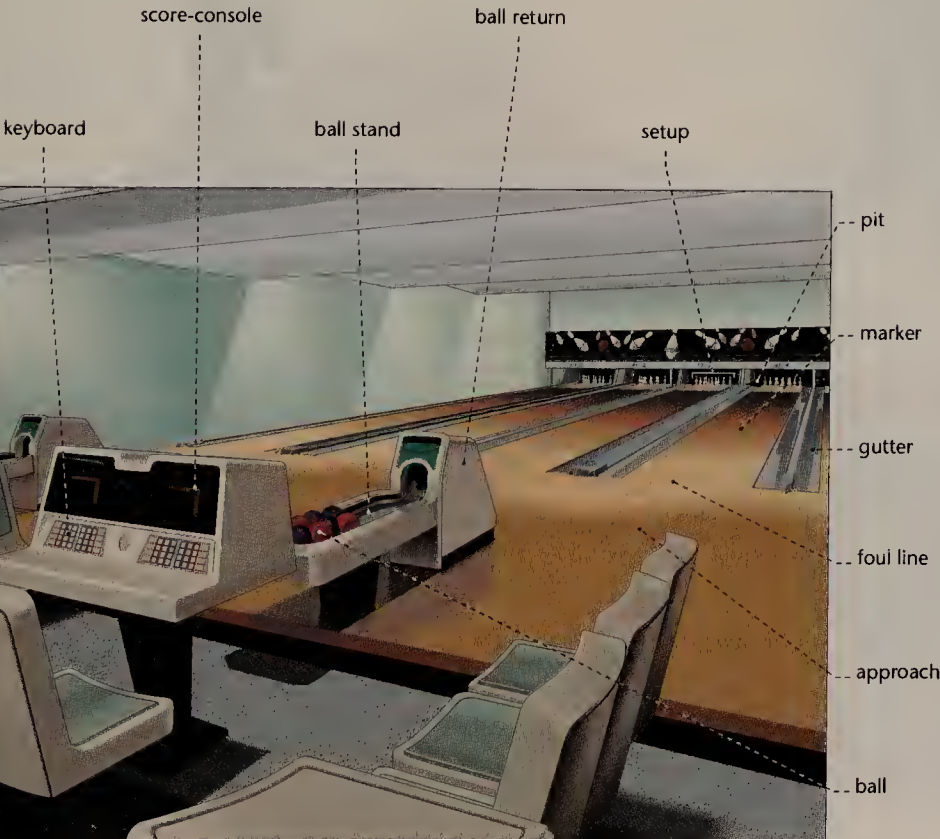
fivepin

TYPES OF PINS



SETUP

LANE

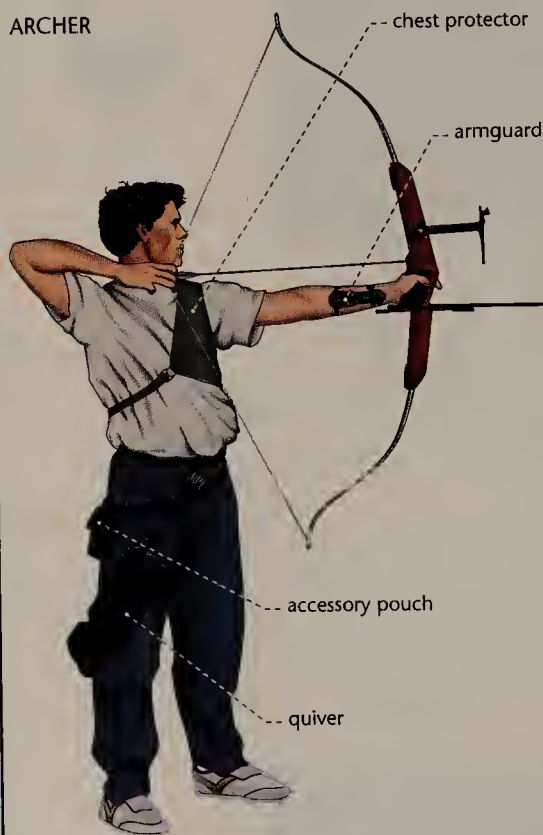


ARCHERY

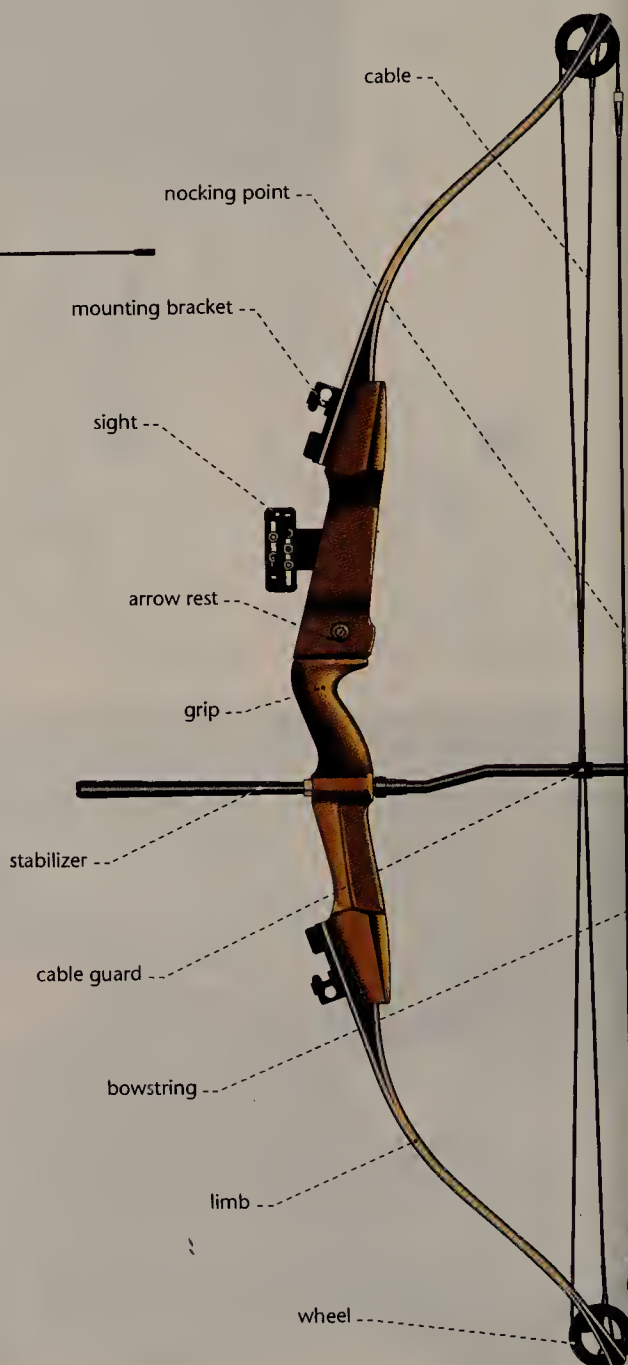
ARROW



ARCHER



COMPOUND BOW



TARGET



TWO-PERSON TENT



FAMILY TENT

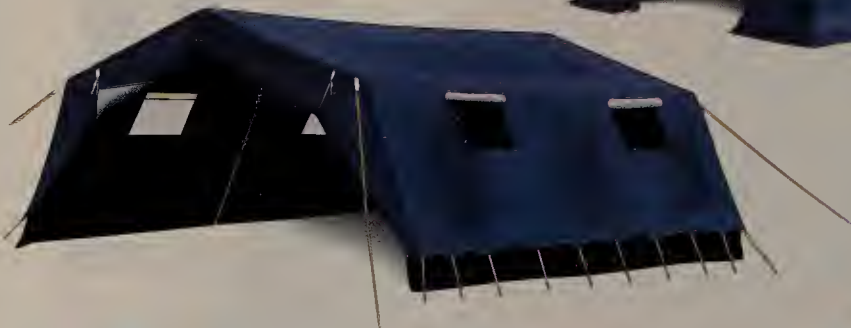


PUP TENT



MAJOR TYPES OF TENTS

wagon tent



wall tent



dome tent



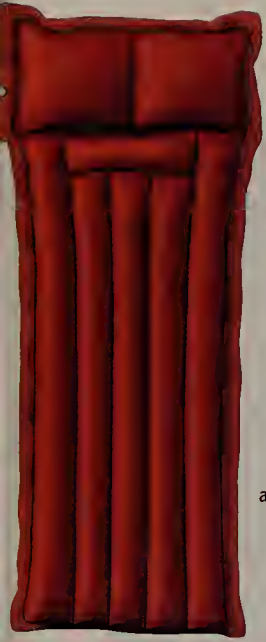
one-person tent



pop-up tent



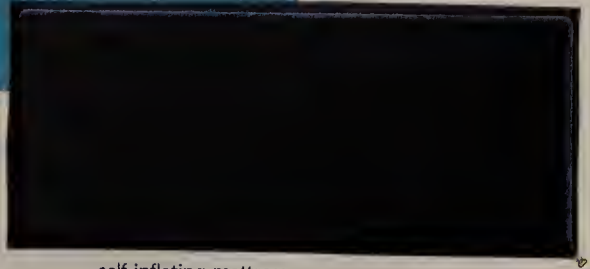
BED AND MATTRESS



air mattress



foam pad



self-inflating mattress



inflator



folding cot



inflator-deflator

SLEEPING BAGS



mummy



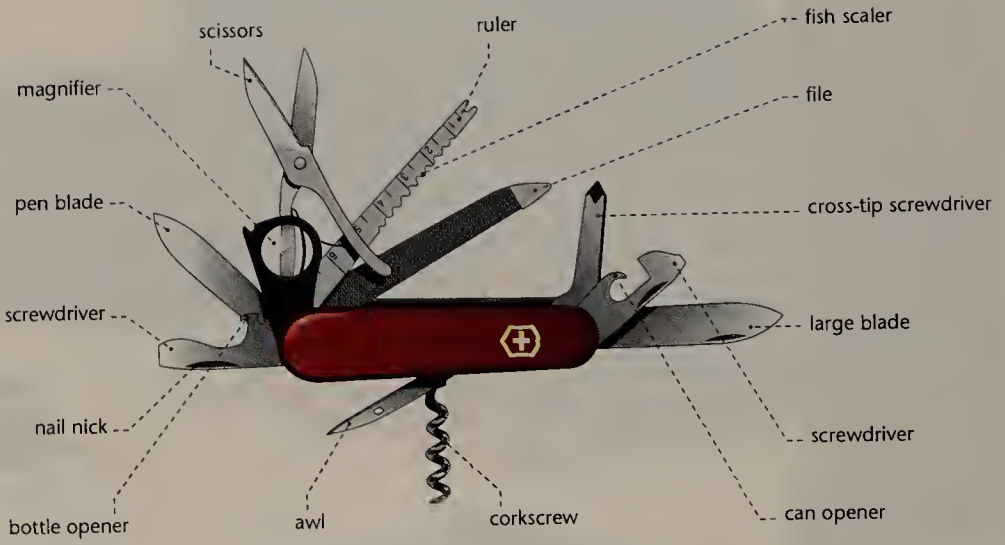
semi-mummy



rectangular

CAMPING EQUIPMENT

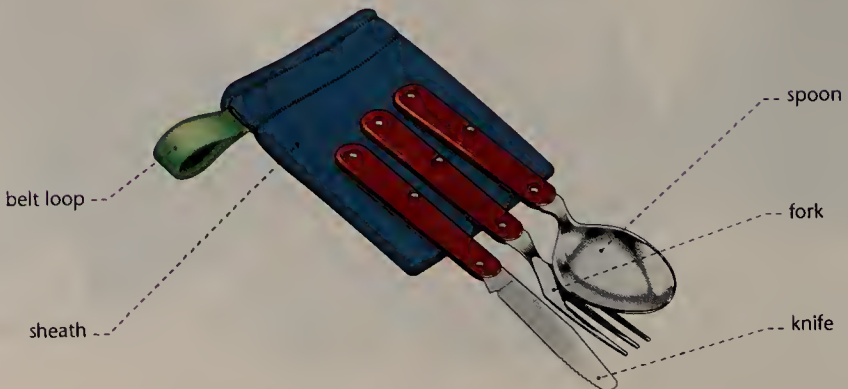
SWISS ARMY KNIFE



COOKING SET



CUTLERY SET

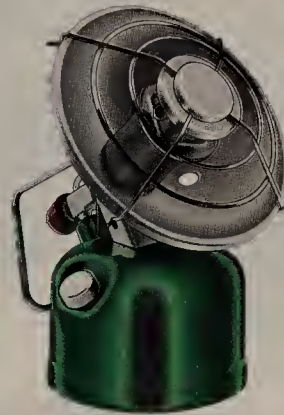


PROPANE OR BUTANE ACCESSORIES

lantern



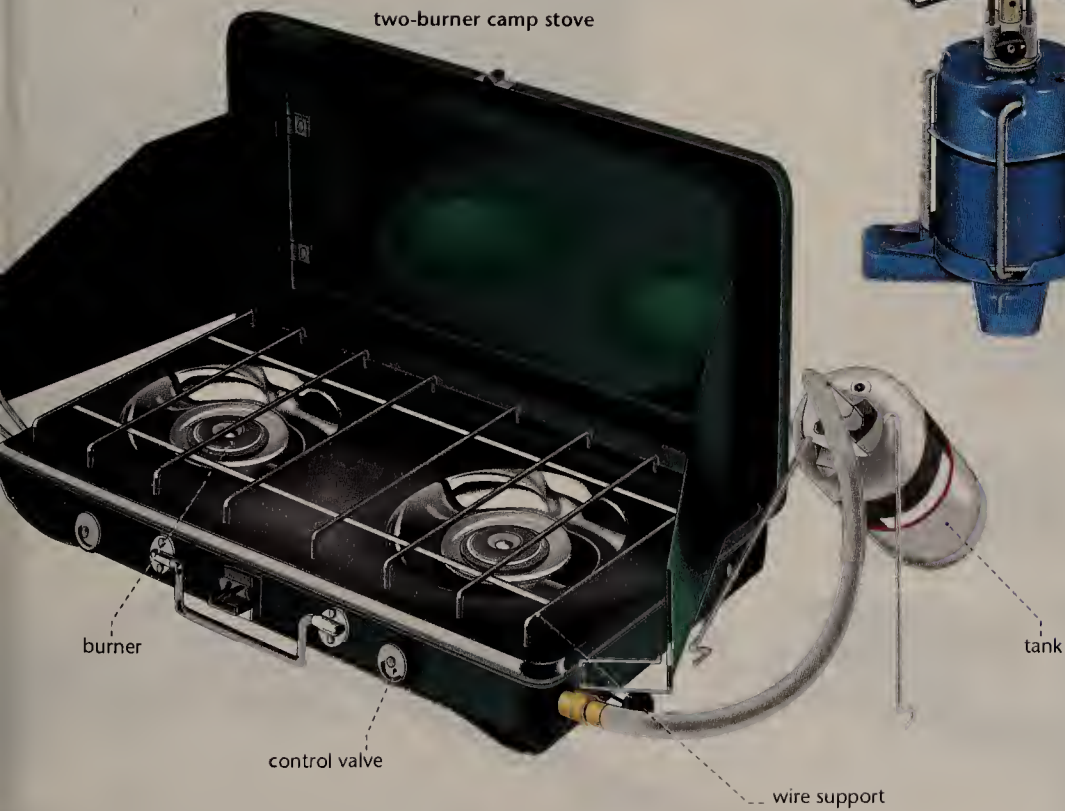
heater



single-burner camp stove



two-burner camp stove



CAMPING

CAMPING EQUIPMENT



thermos



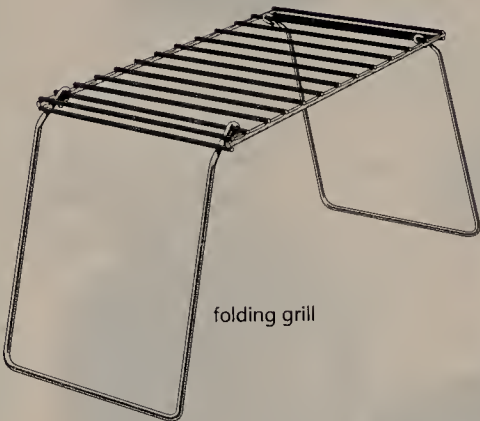
water carrier



canteen



hurricane lamp



folding grill



cooler

TOOLS



hatchet



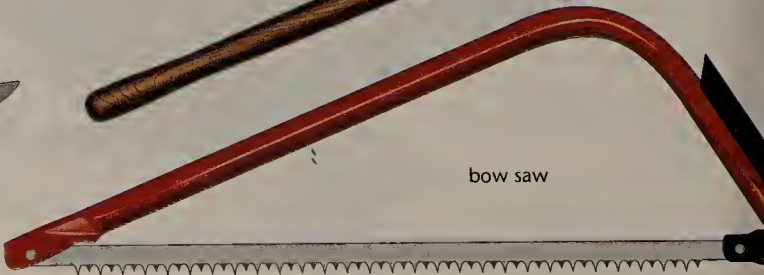
leather sheath



knife



folding shovel



bow saw

KNOTS



square knot



overhand knot



granny knot



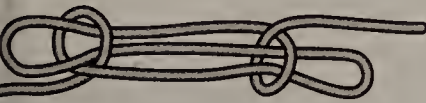
running bowline



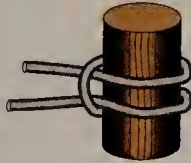
sheet bend



double sheet bend



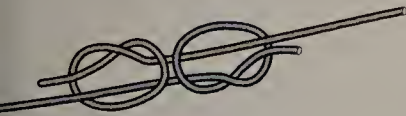
sheepshank



cow hitch



heaving line knot



fisherman's knot



clove hitch



figure-eight knot



common whipping



bowline



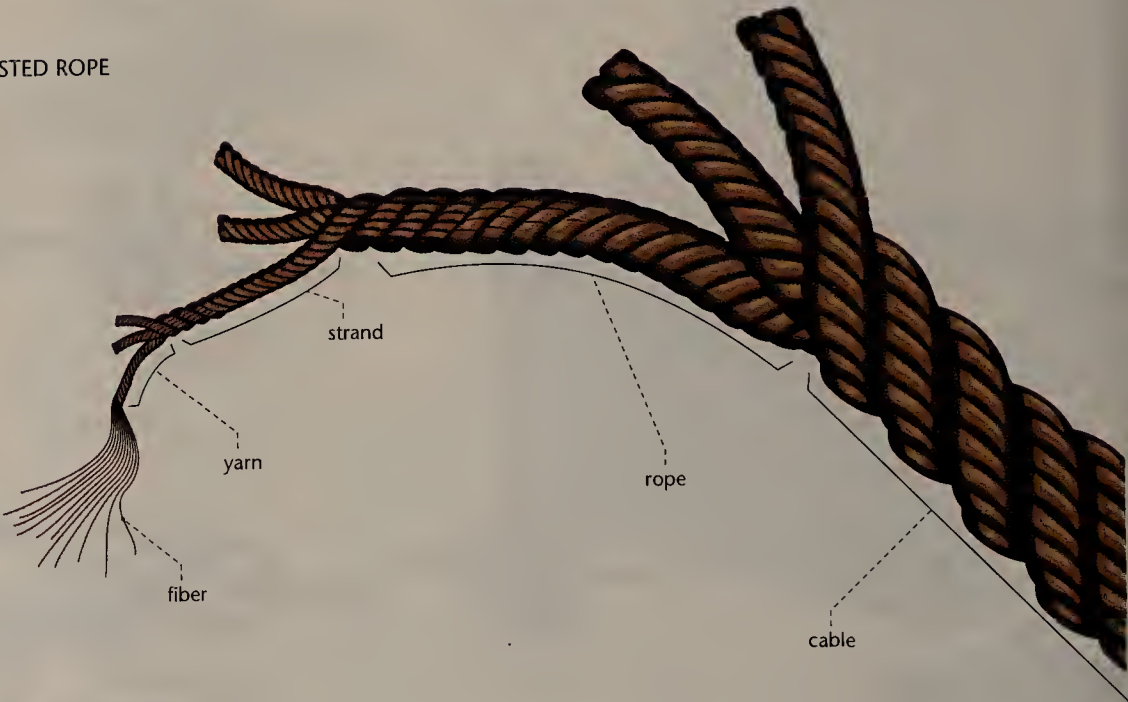
bowline on a bight

SHORT SPLICE

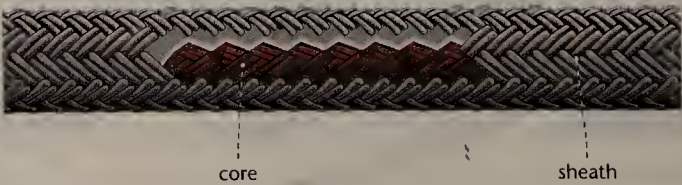


CABLE

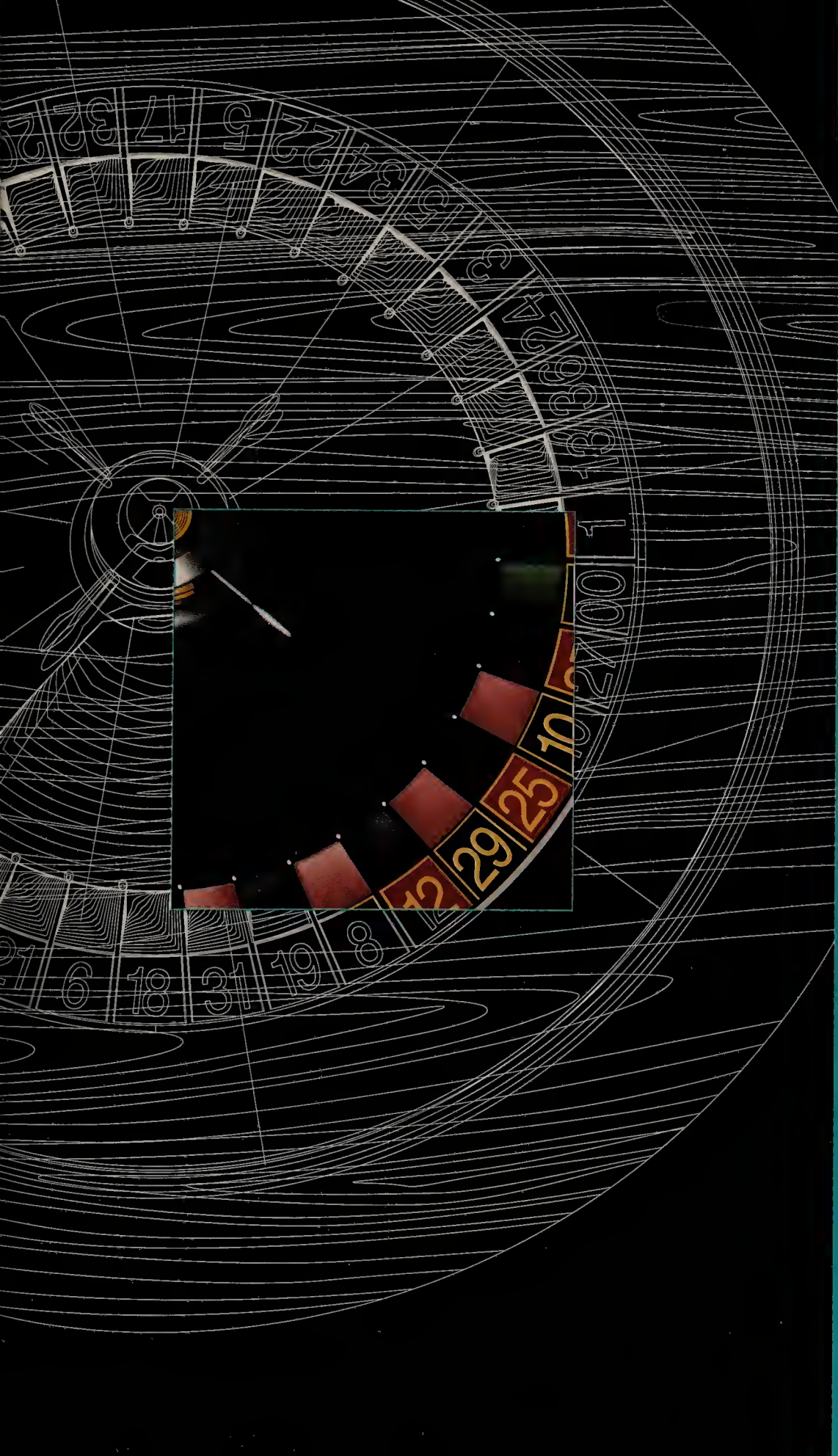
TWISTED ROPE



BRAIDED ROPE



INDOOR GAMES



CONTENTS

CARD GAMES.....	695
DOMINOES.....	695
CHESS.....	696
BACKGAMMON.....	697
GO.....	697
GAME OF DARTS.....	698
VIDEO ENTERTAINMENT SYSTEM.....	699
DICE.....	699
ROULETTE TABLE.....	700
SLOT MACHINE.....	702

CARD GAMES

SYMBOLS



heart



diamond



club



spade



Joker



Ace



King



Queen



Jack

STANDARD POKER HANDS



royal flush



straight flush



four-of-a-kind



full house



flush



straight



three-of-a-kind



two pairs



one pair



high card

DOMINOES

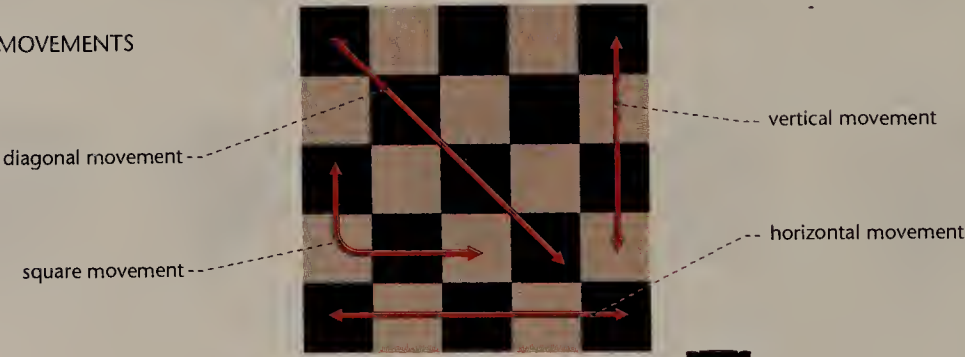


CHES

CHESBOARD



TYPES OF MOVEMENTS



MEN



King

Queen

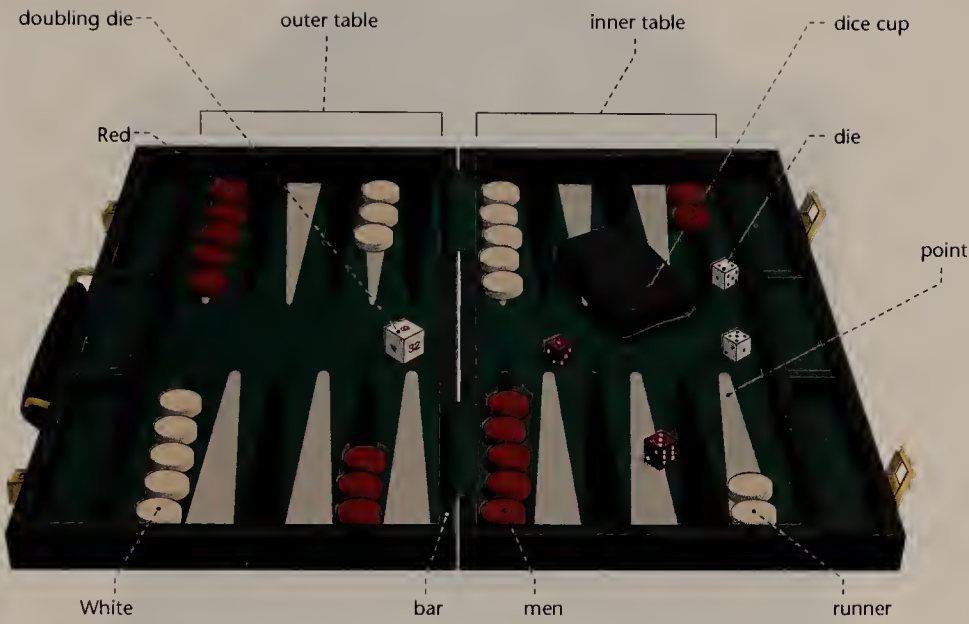
Bishop

Knight

Pawn

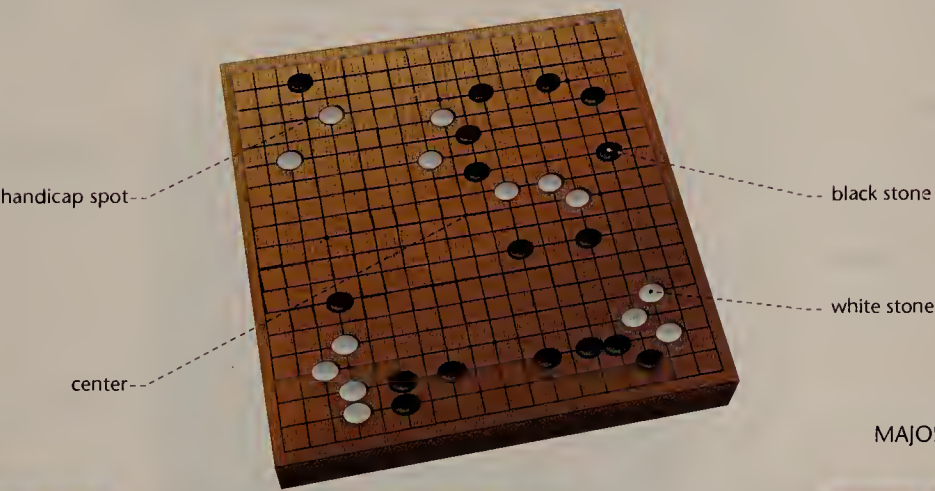
Rook

BACKGAMMON

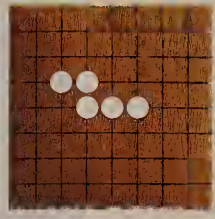
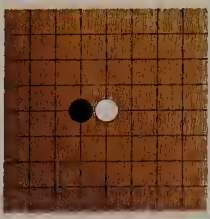


GO

BOARD

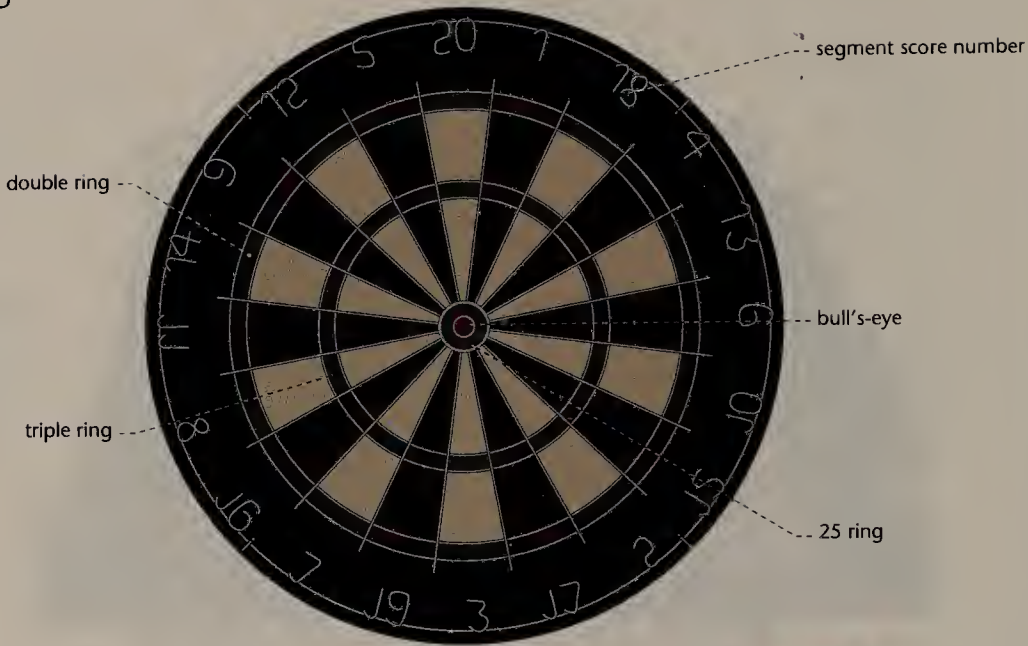


MAJOR MOTIONS



GAME OF DARTS

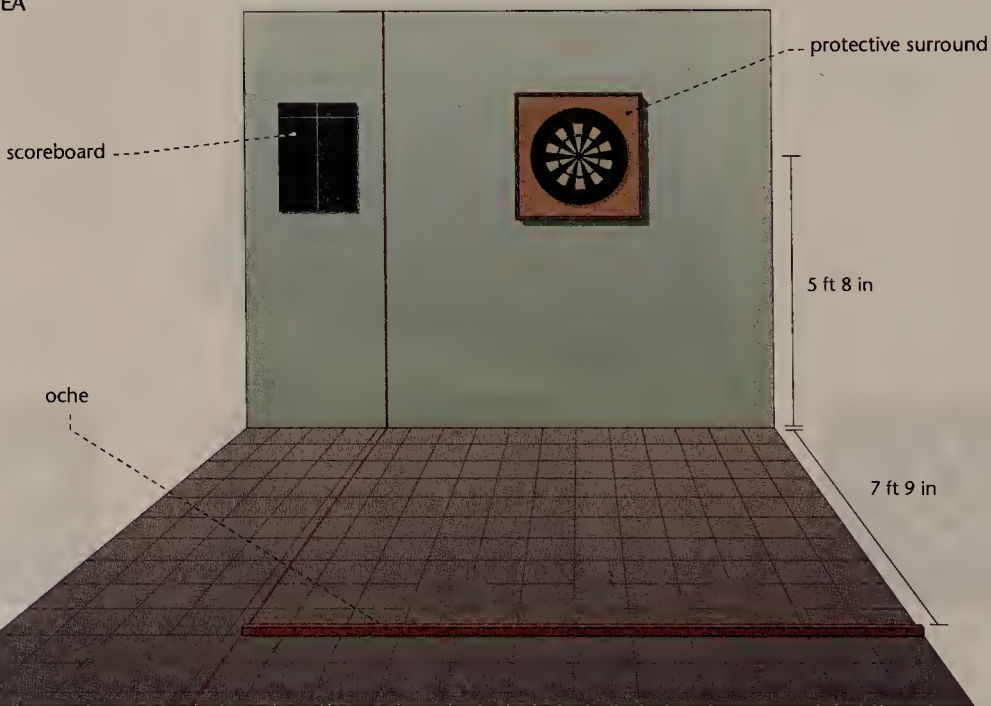
DARTBOARD

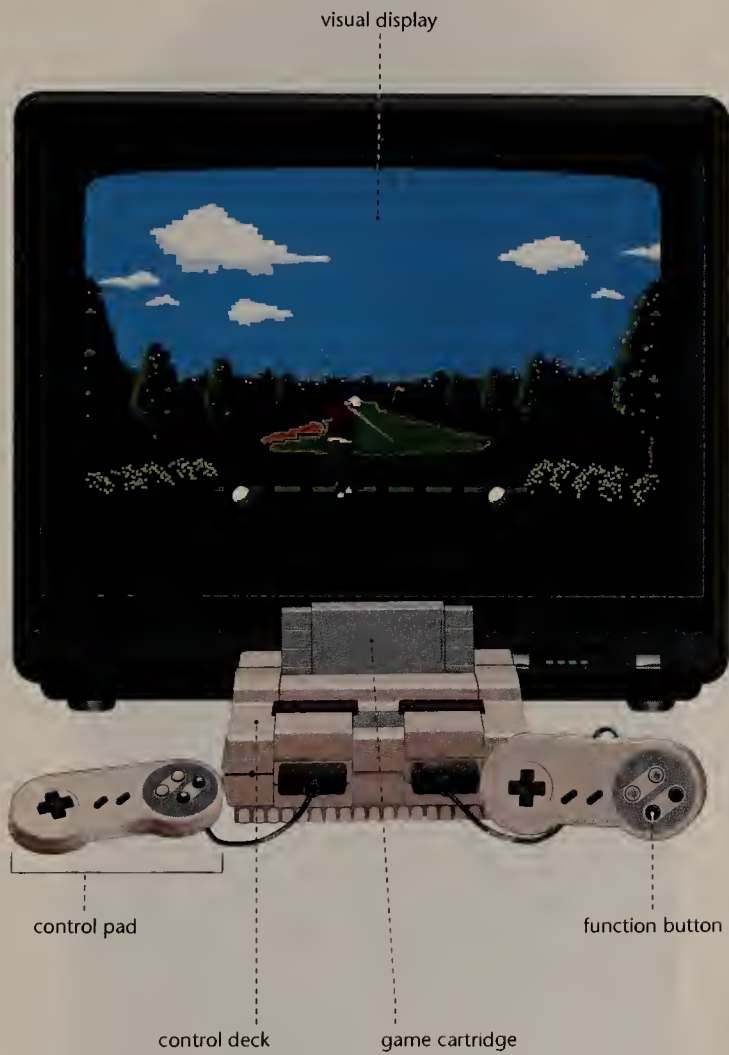


DART



PLAYING AREA





DICE



poker die



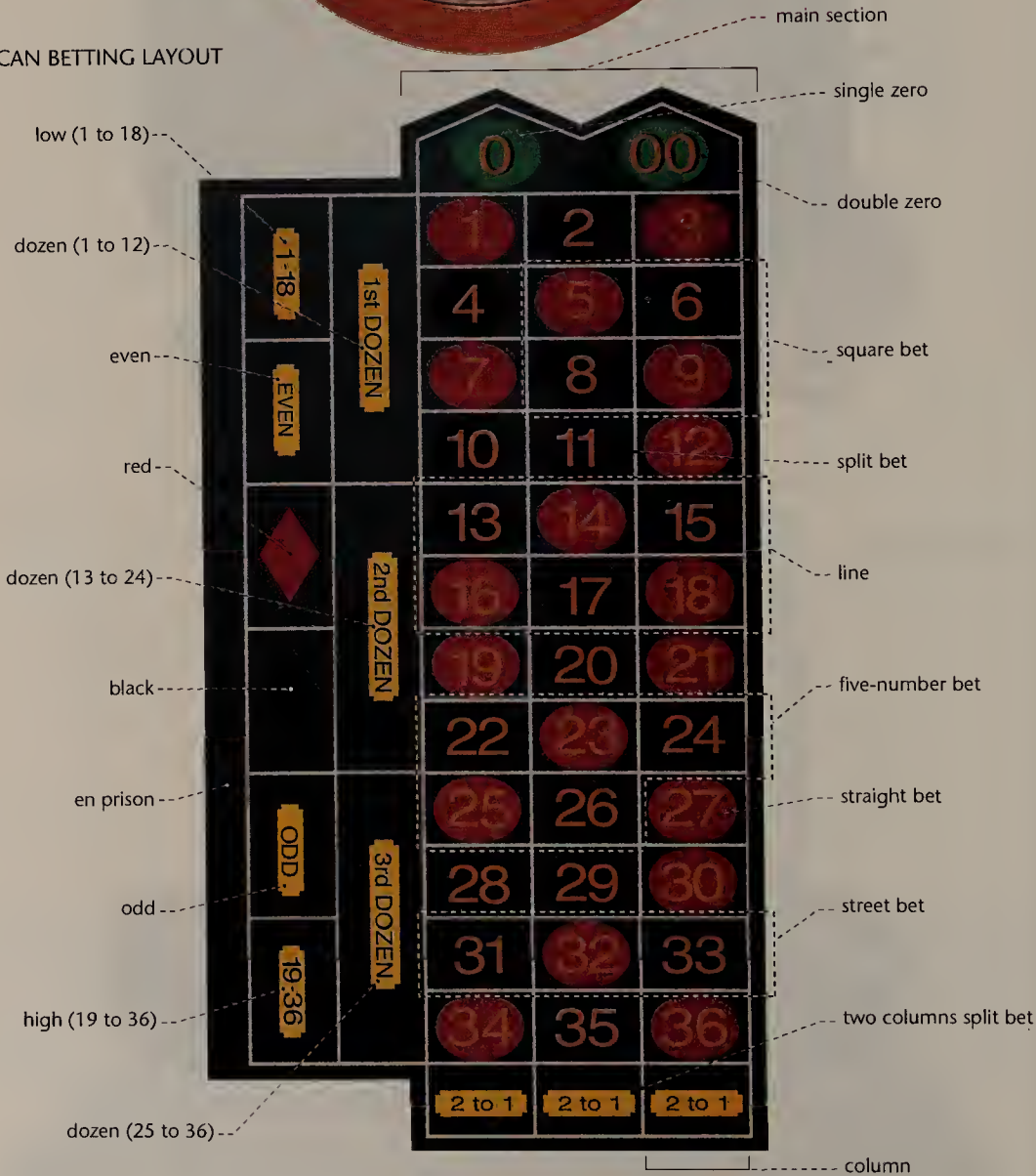
ordinary die

ROULETTE TABLE

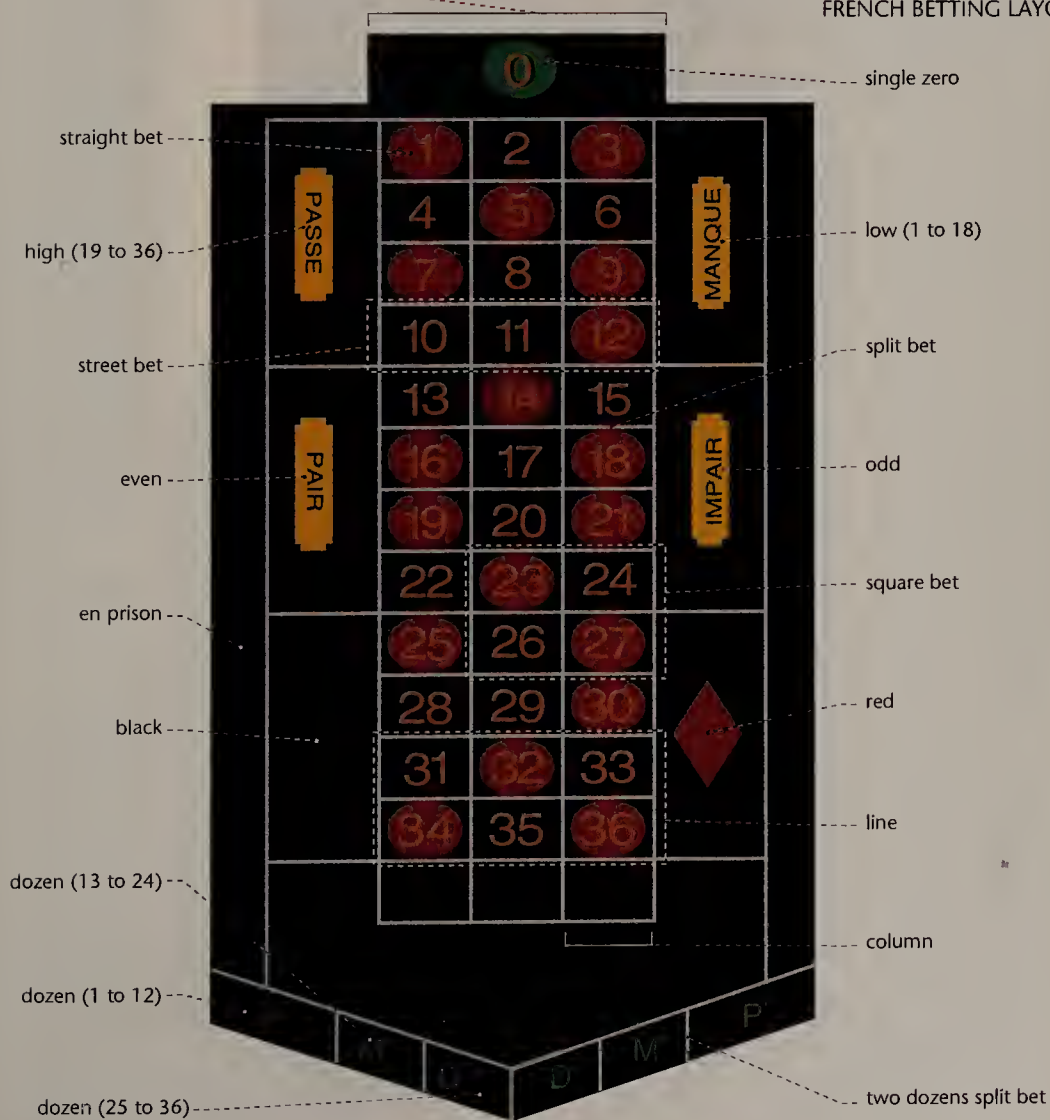
AMERICAN ROULETTE WHEEL



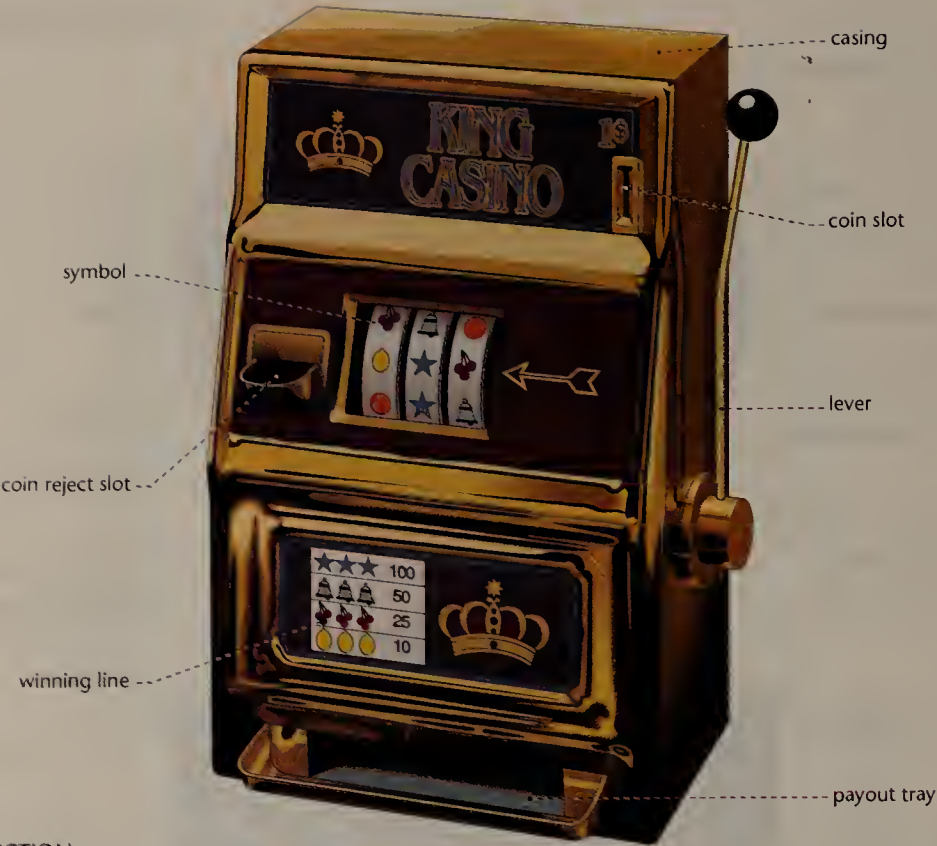
AMERICAN BETTING LAYOUT



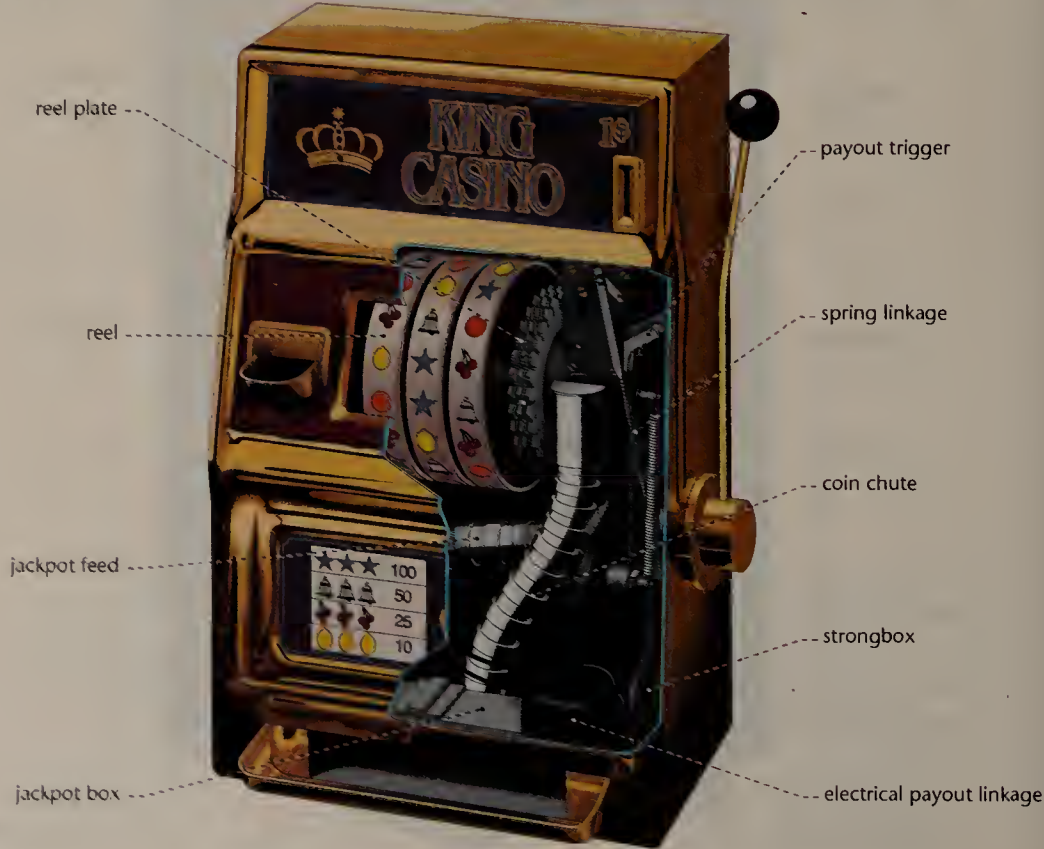
INDOOR GAMES



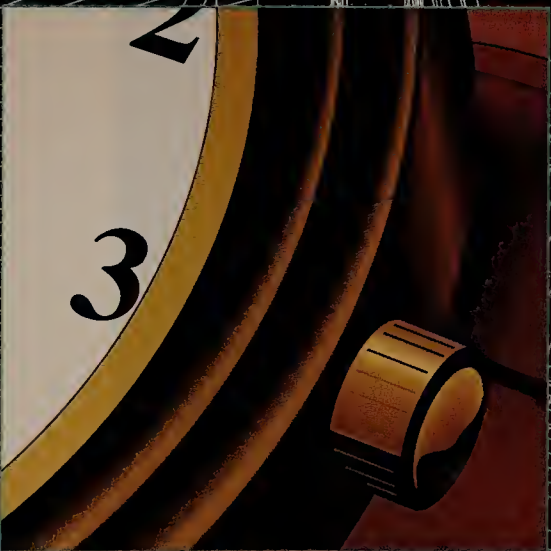
SLOT MACHINE



CROSS SECTION



MEASURING DEVICES



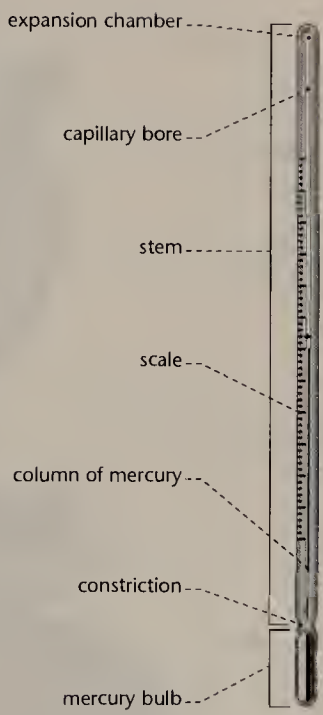
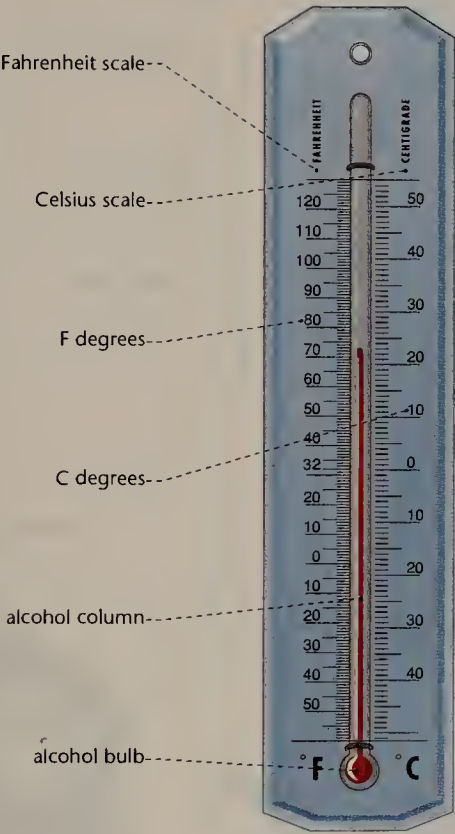
CONTENTS

MEASURE OF TEMPERATURE	705
MEASURE OF TIME	706
MEASURE OF WEIGHT	708
MEASURE OF PRESSURE	710
MEASURE OF LENGTH	711
MEASURE OF DISTANCE	711
MEASURE OF THICKNESS	711
WATT-HOUR METER	712
MEASURE OF ANGLES	713
MEASURE OF SEISMIC WAVES	714

MEASURE OF TEMPERATURE

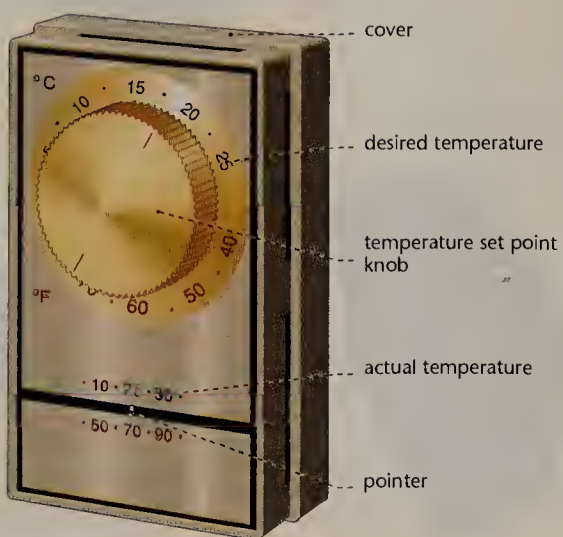
THERMOMETER

CLINICAL THERMOMETER



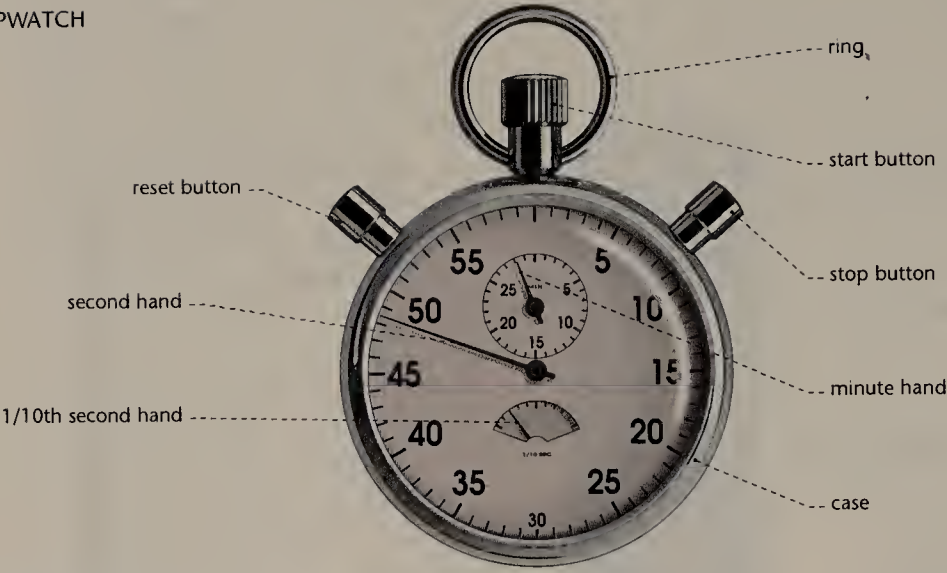
BIMETALLIC THERMOMETER

ROOM THERMOSTAT



MEASURE OF TIME

STOPWATCH



MECHANICAL WATCH



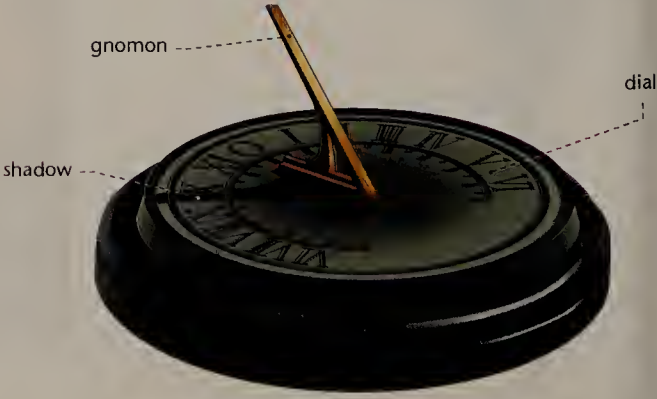
ANALOG WATCH



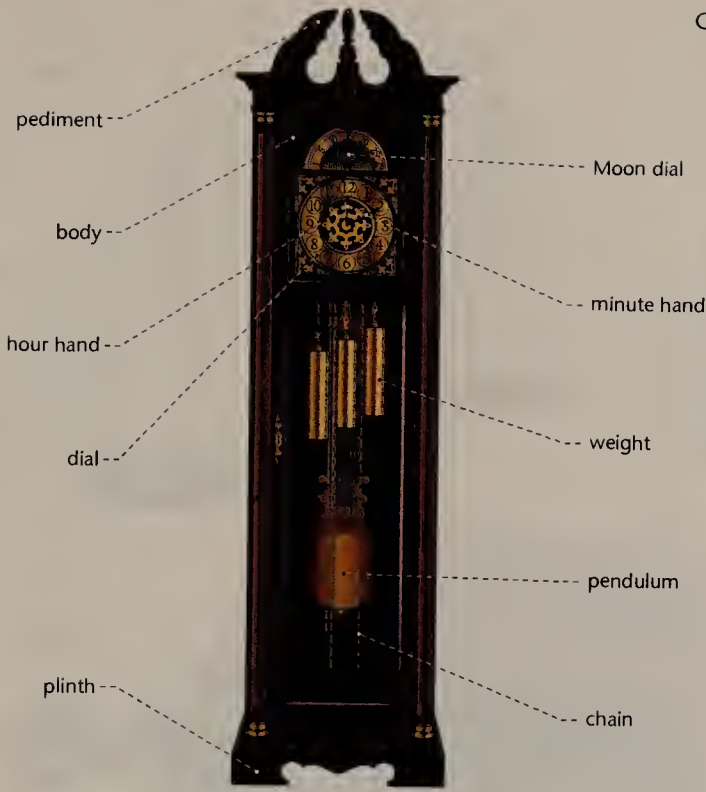
DIGITAL WATCH



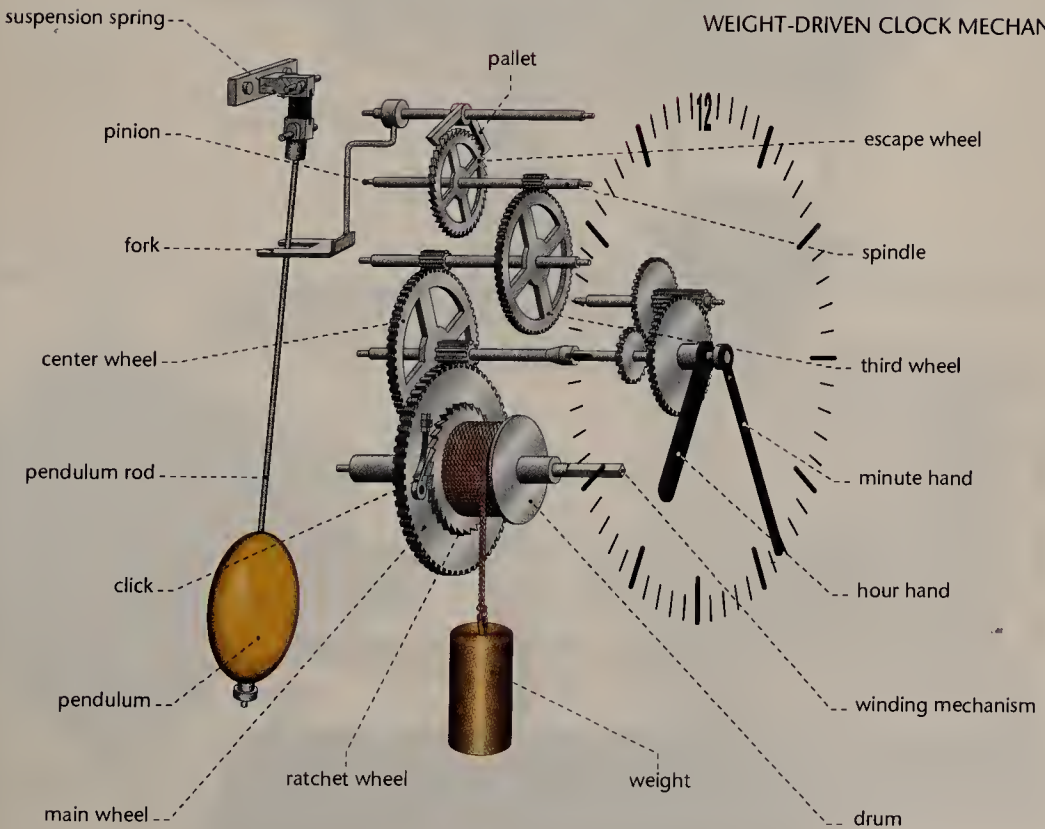
SUNDIAL



GRANDFATHER CLOCK



WEIGHT-DRIVEN CLOCK MECHANISM

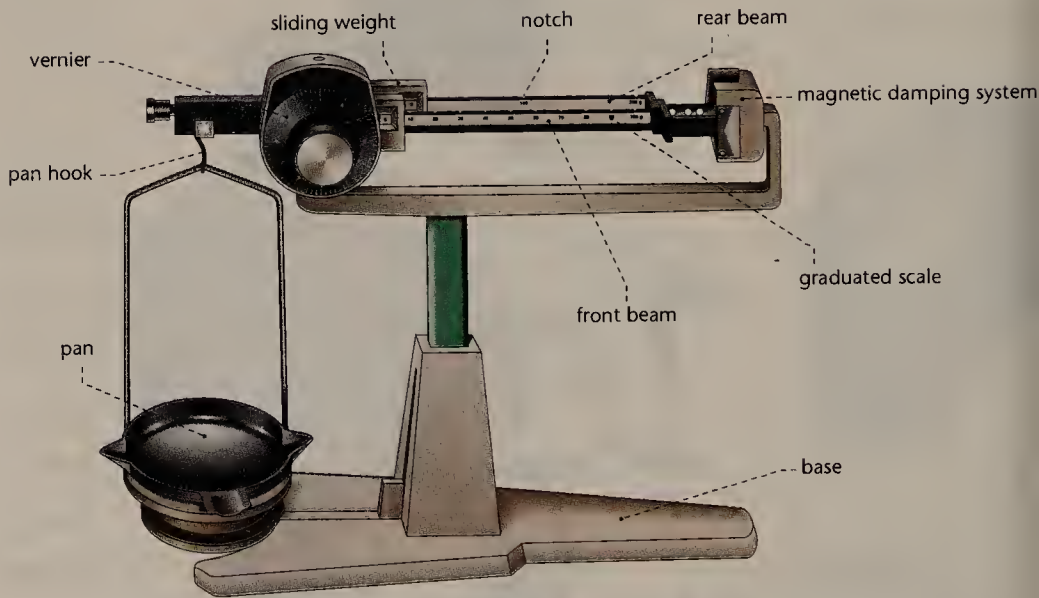


MEASURE OF WEIGHT

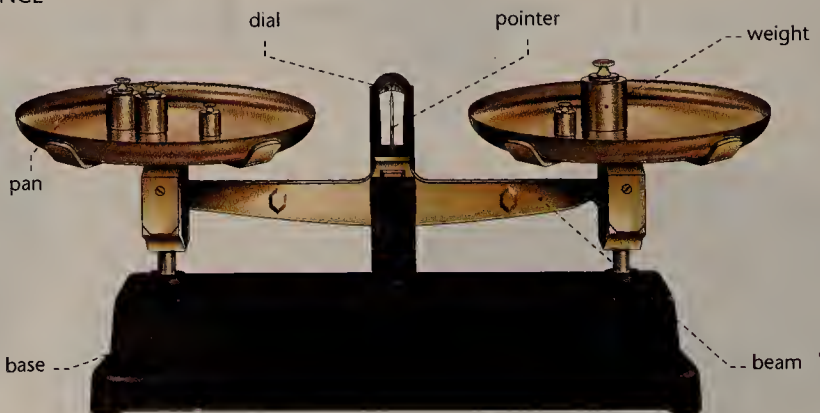
BEAM BALANCE



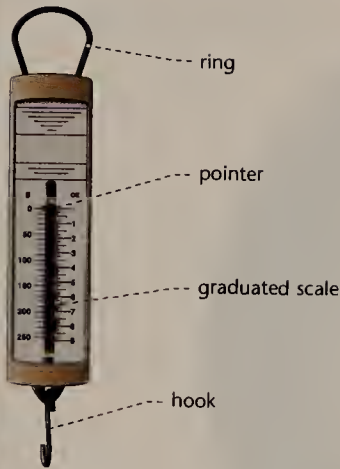
STEELYARD



ROBERVAL'S BALANCE



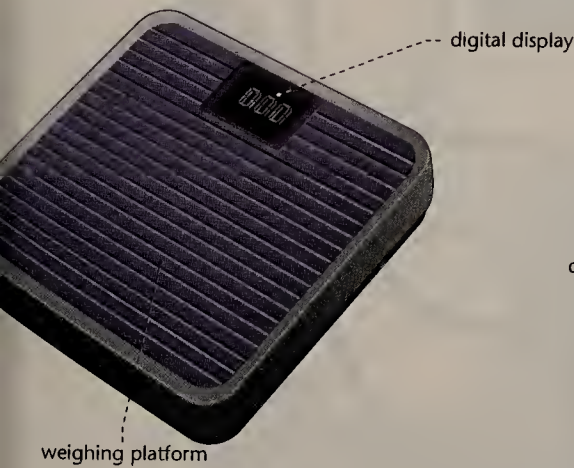
SPRING BALANCE



ELECTRONIC SCALES



BATHROOM SCALES



ANALYTICAL BALANCE

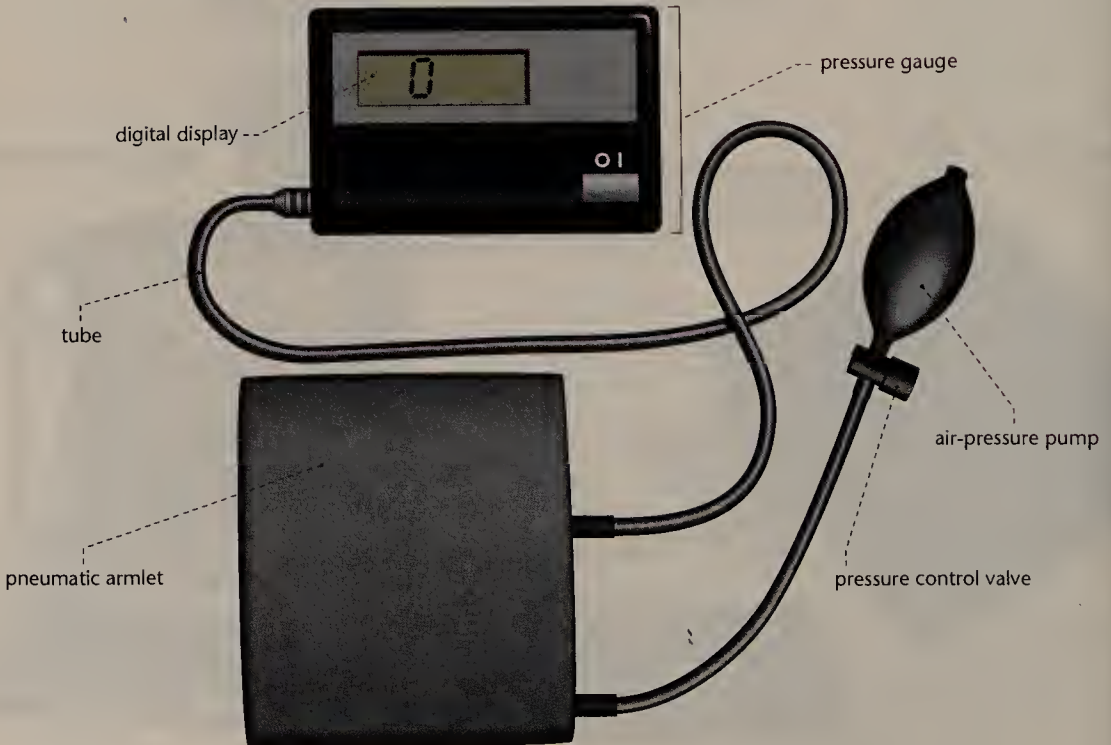


MEASURE OF PRESSURE

BAROMETER/THERMOMETER

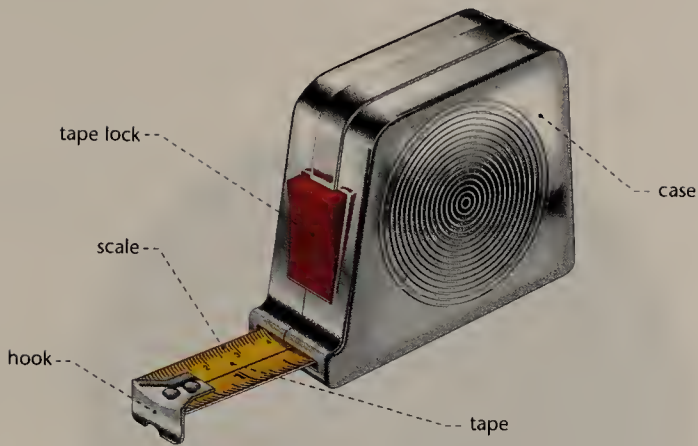


TENSIOMETER



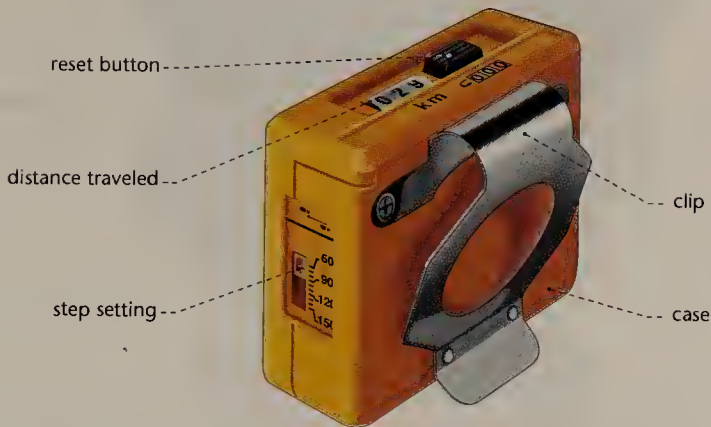
MEASURE OF LENGTH

TAPE MEASURE



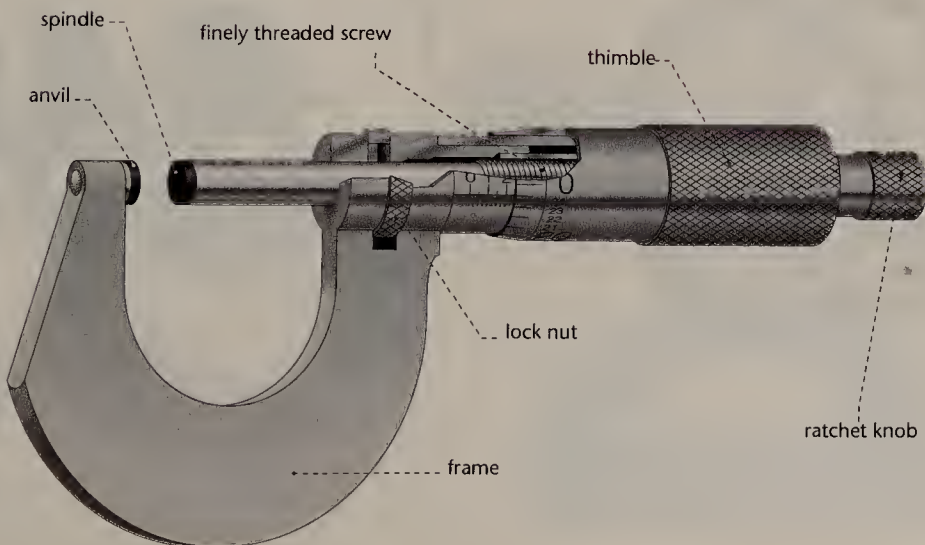
MEASURE OF DISTANCE

PEDOMETER



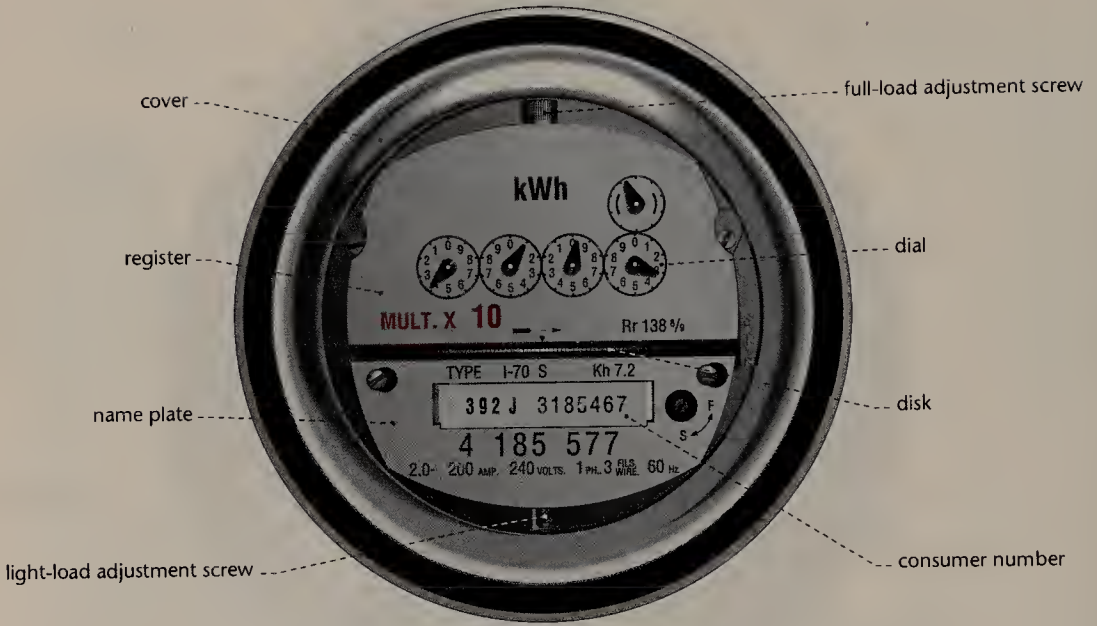
MEASURE OF THICKNESS

MICROMETER CALIPER

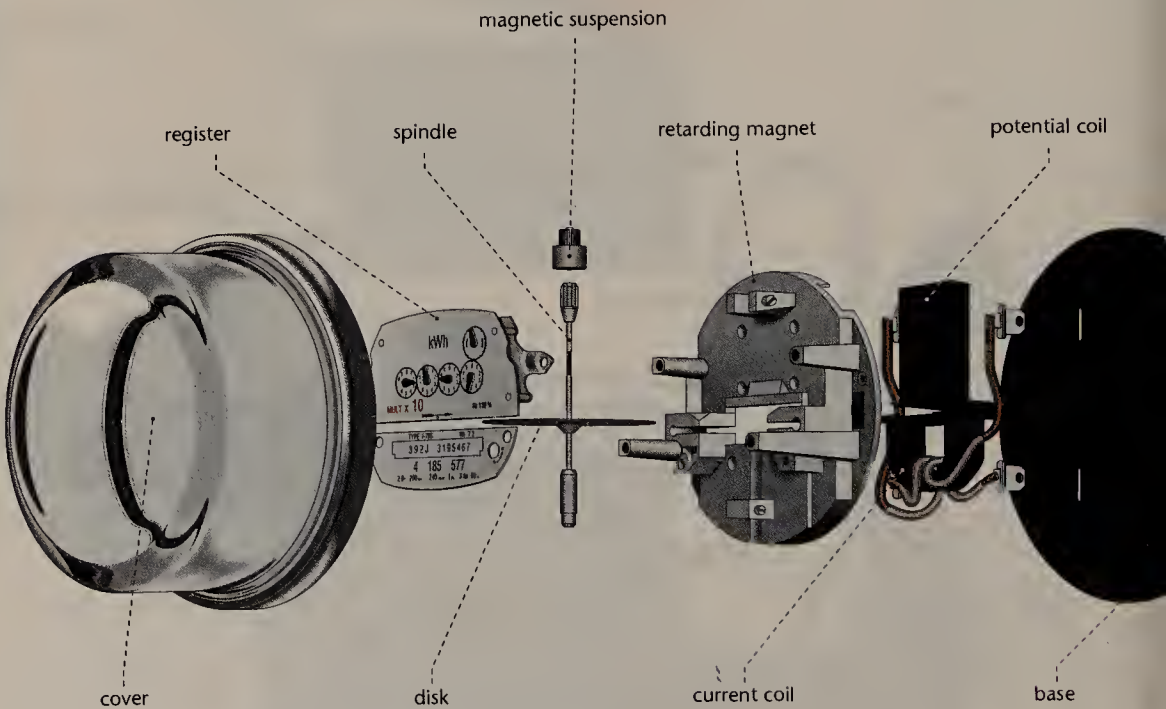


WATT-HOUR METER

EXTERIOR VIEW

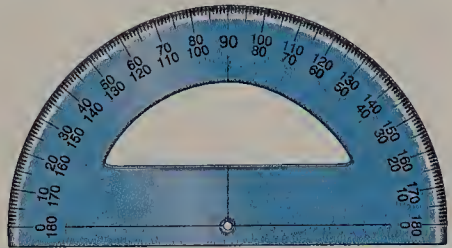


MECHANISM



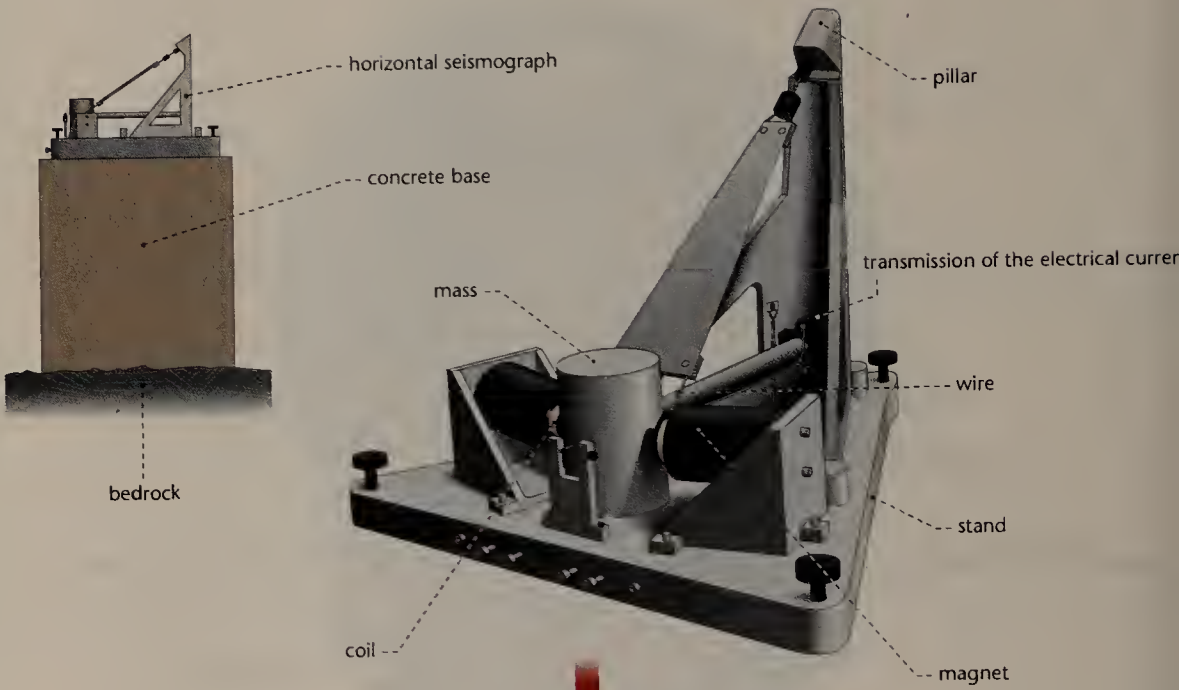
MEASURING DEVICES

713



MEASURE OF SEISMIC WAVES

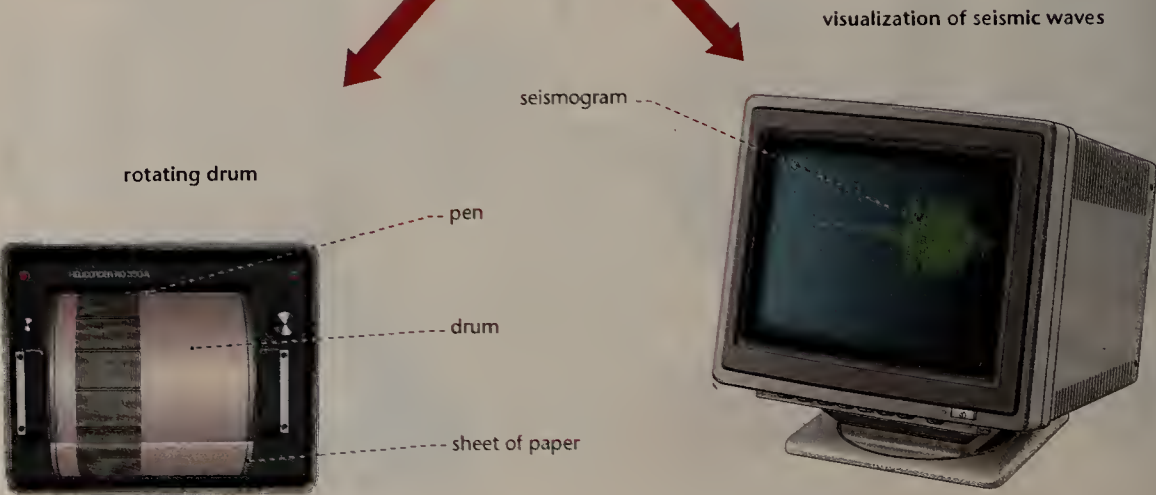
DETECTION OF SEISMIC WAVES



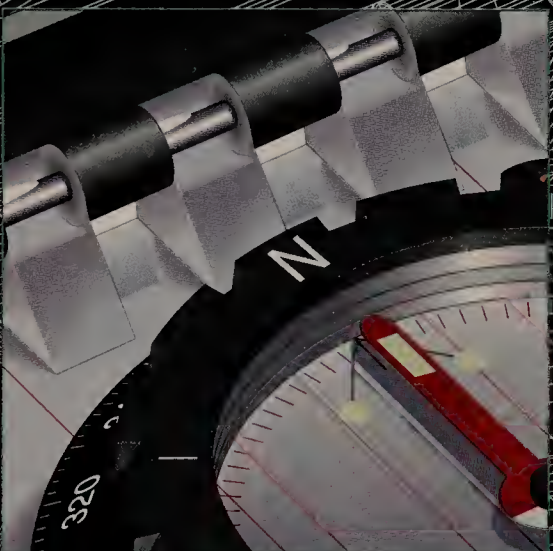
AMPLIFICATION OF SEISMIC WAVES



TRANSCRIPTION OF SEISMIC WAVES



OPTICAL INSTRUMENTS



CONTENTS

ELECTRON MICROSCOPE717

BINOCULAR MICROSCOPE718

TELESCOPIC SIGHT718

PRISM BINOCULARS.....719

MAGNETIC COMPASS719

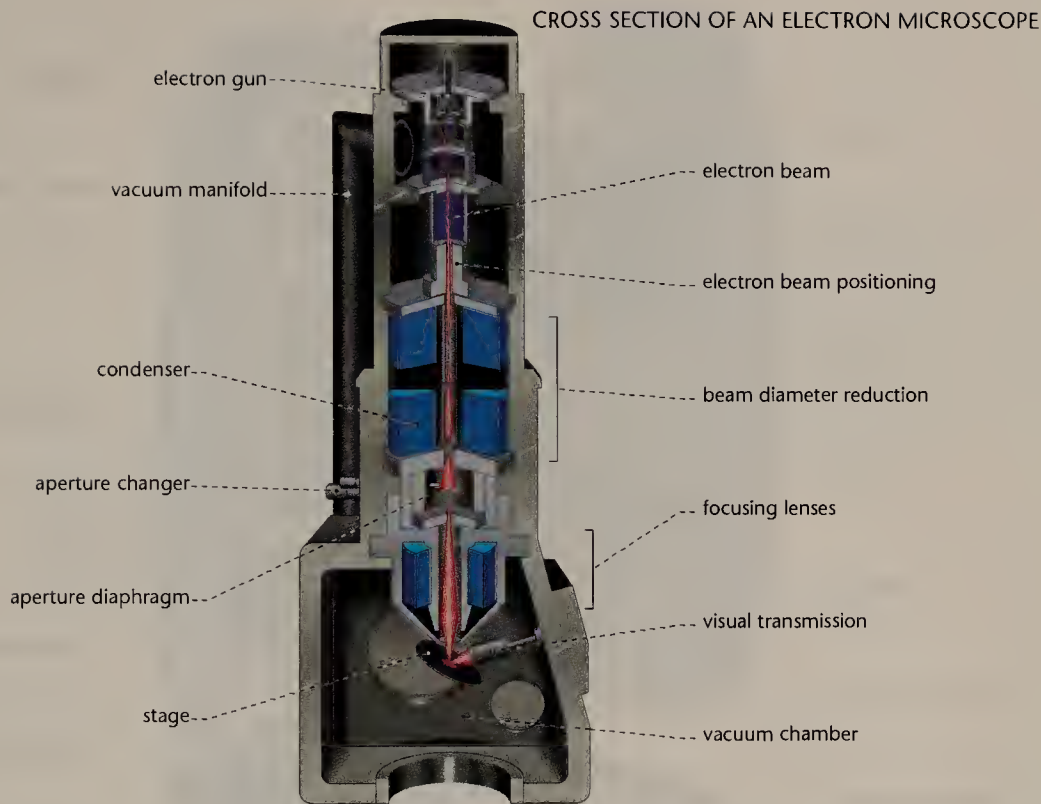
REFLECTING TELESCOPE720

REFRACTING TELESCOPE721

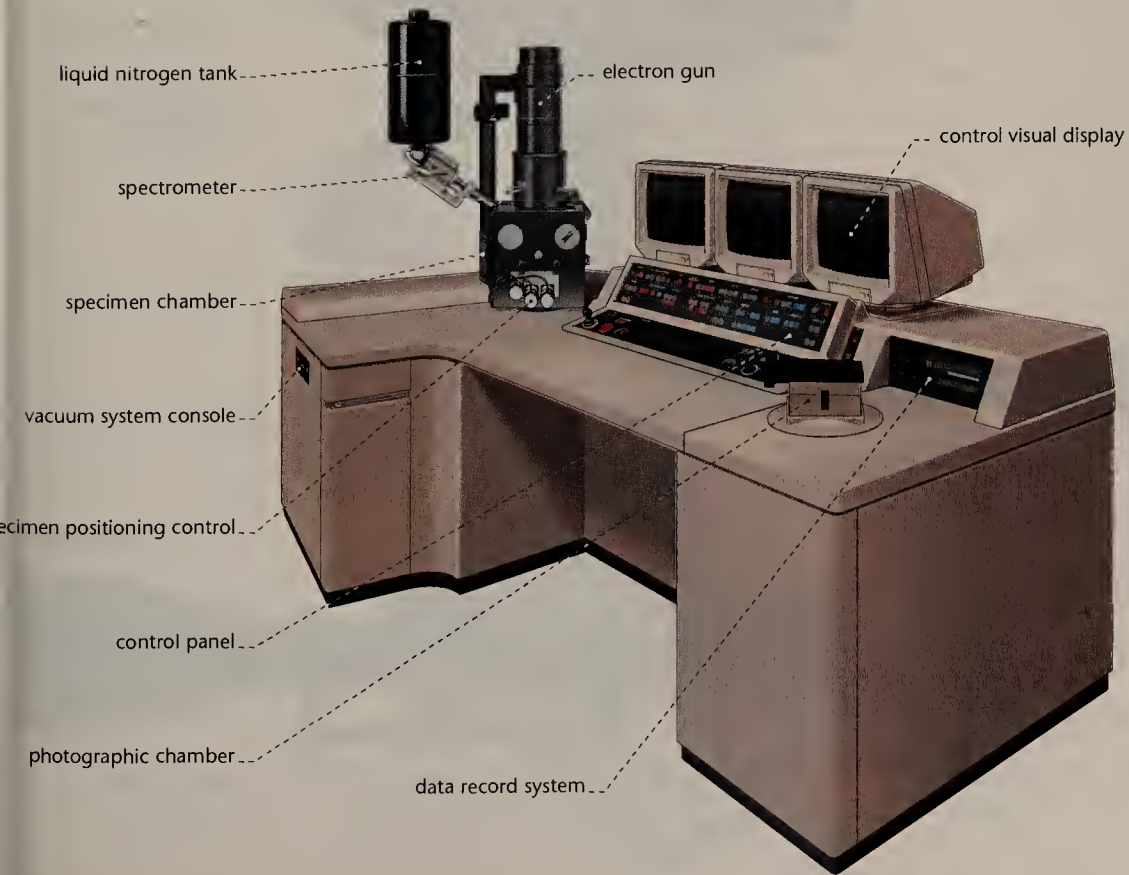
RADAR722

LENSES.....722

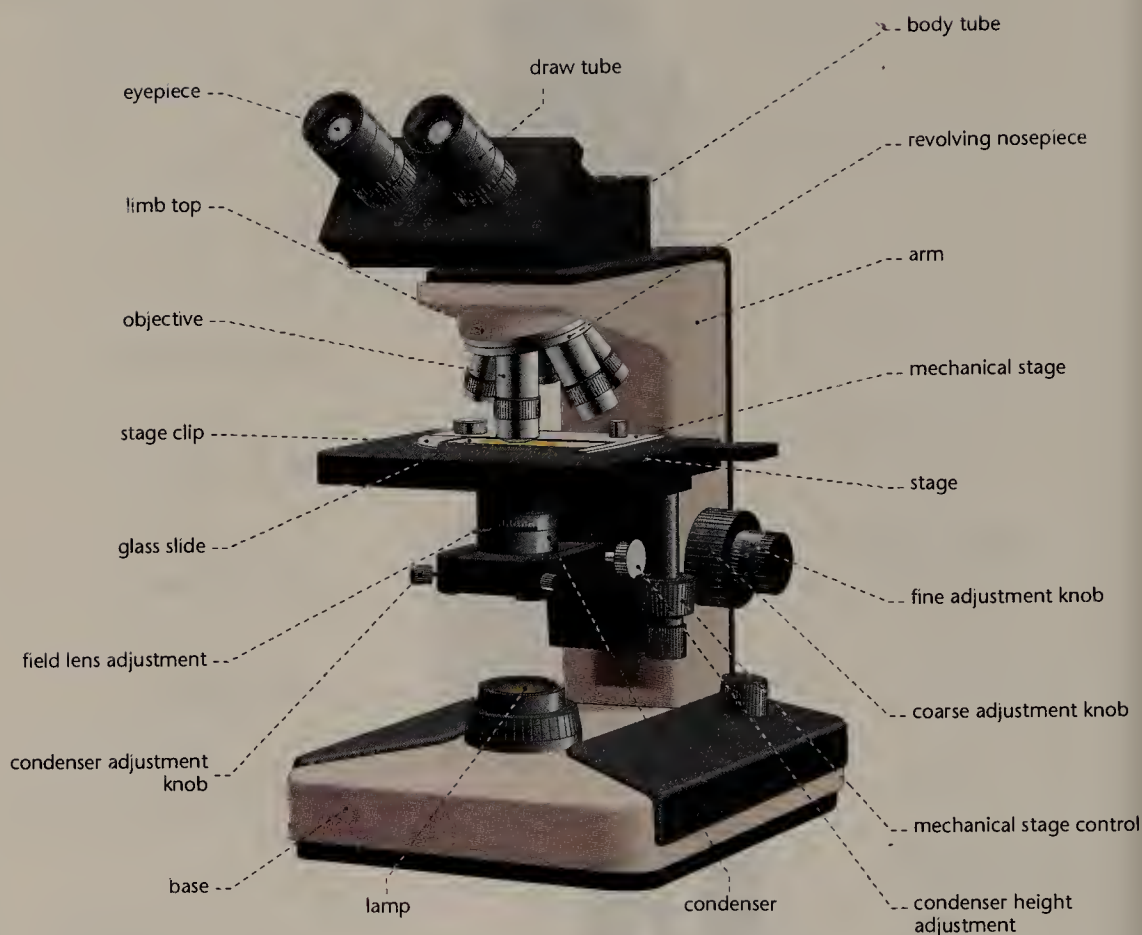
ELECTRON MICROSCOPE



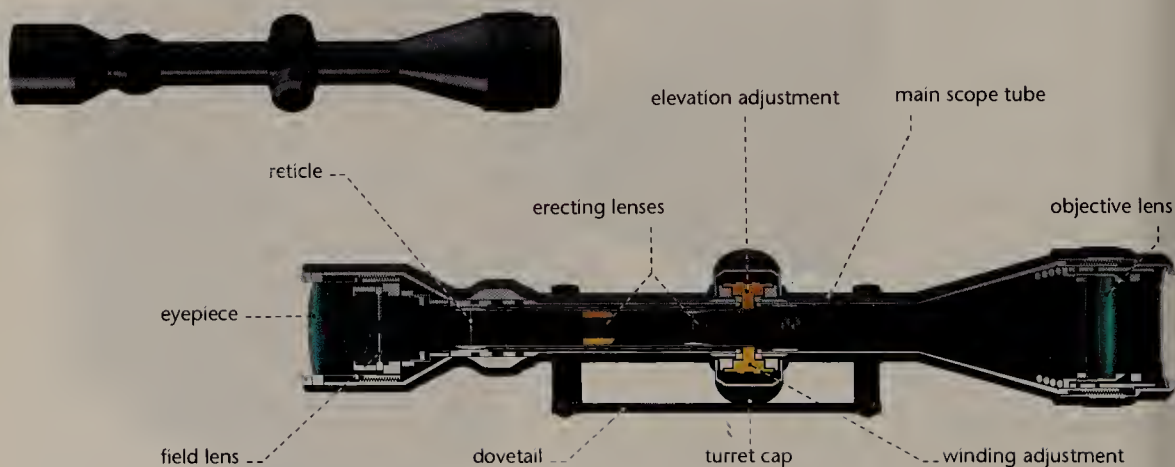
ELECTRON MICROSCOPE ELEMENTS



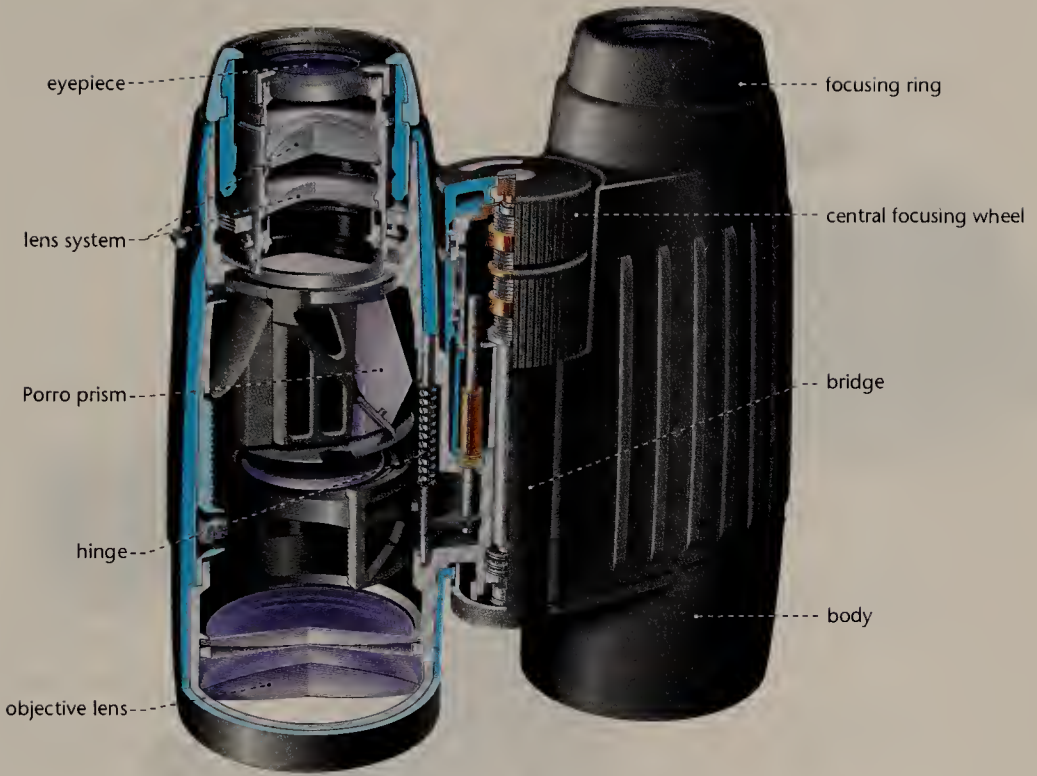
BINOCULAR MICROSCOPE



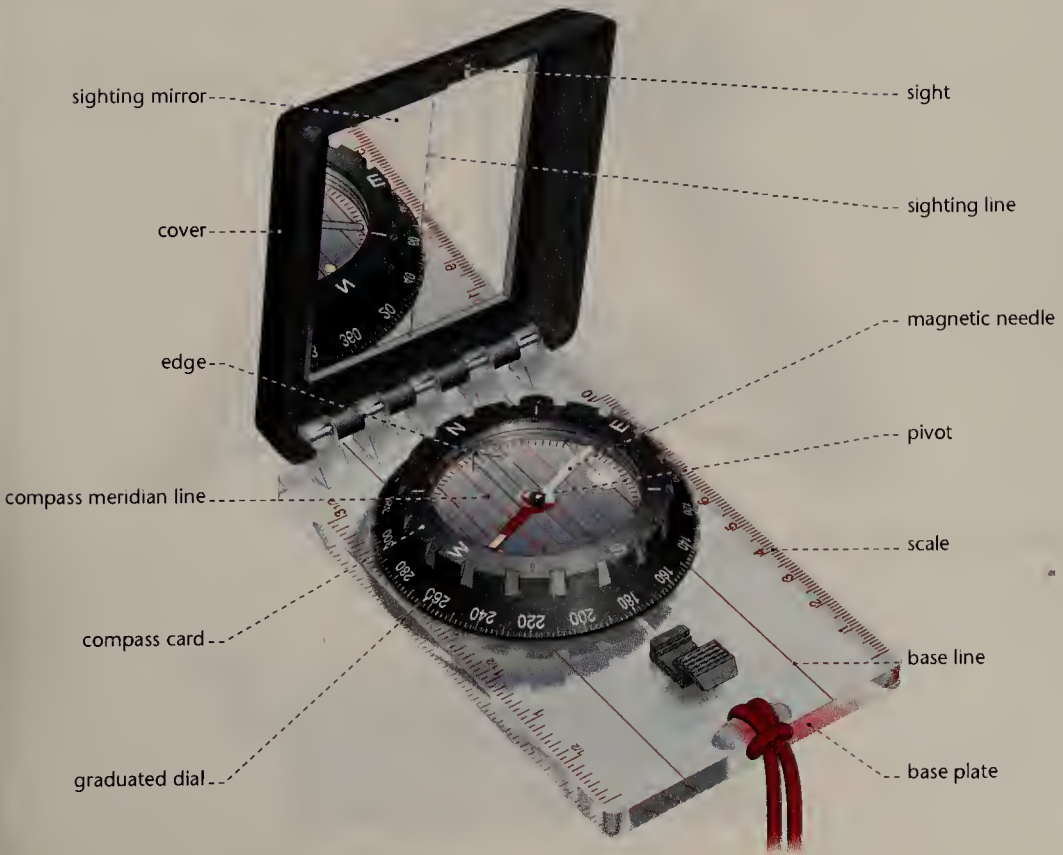
TELESCOPIC SIGHT



PRISM BINOCULARS



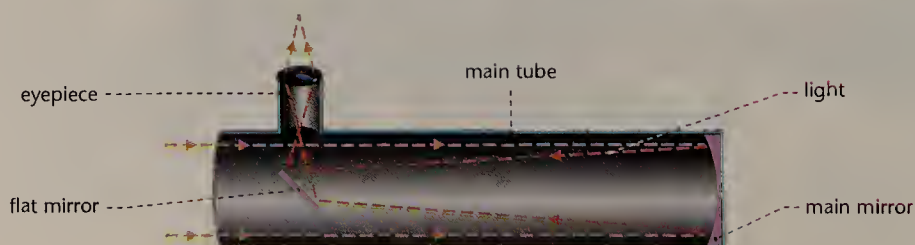
MAGNETIC COMPASS



REFLECTING TELESCOPE



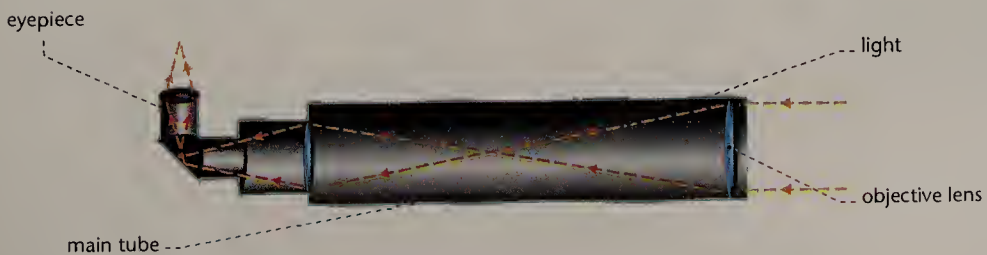
CROSS SECTION OF A REFLECTING TELESCOPE



REFRACTING TELESCOPE

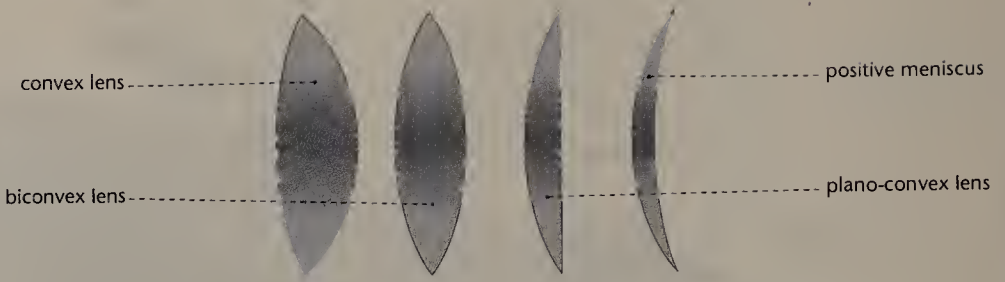


CROSS SECTION OF A REFRACTING TELESCOPE

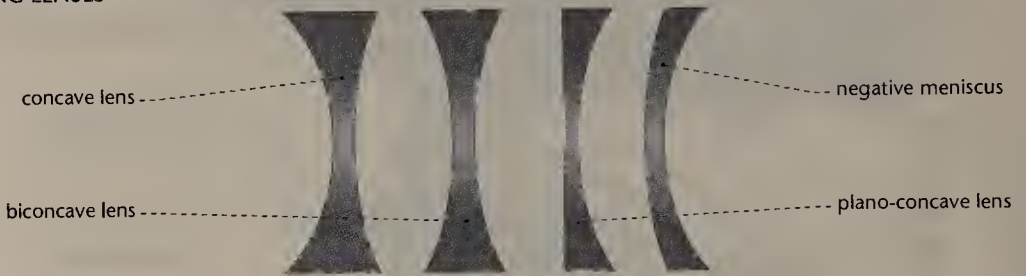


LENSES

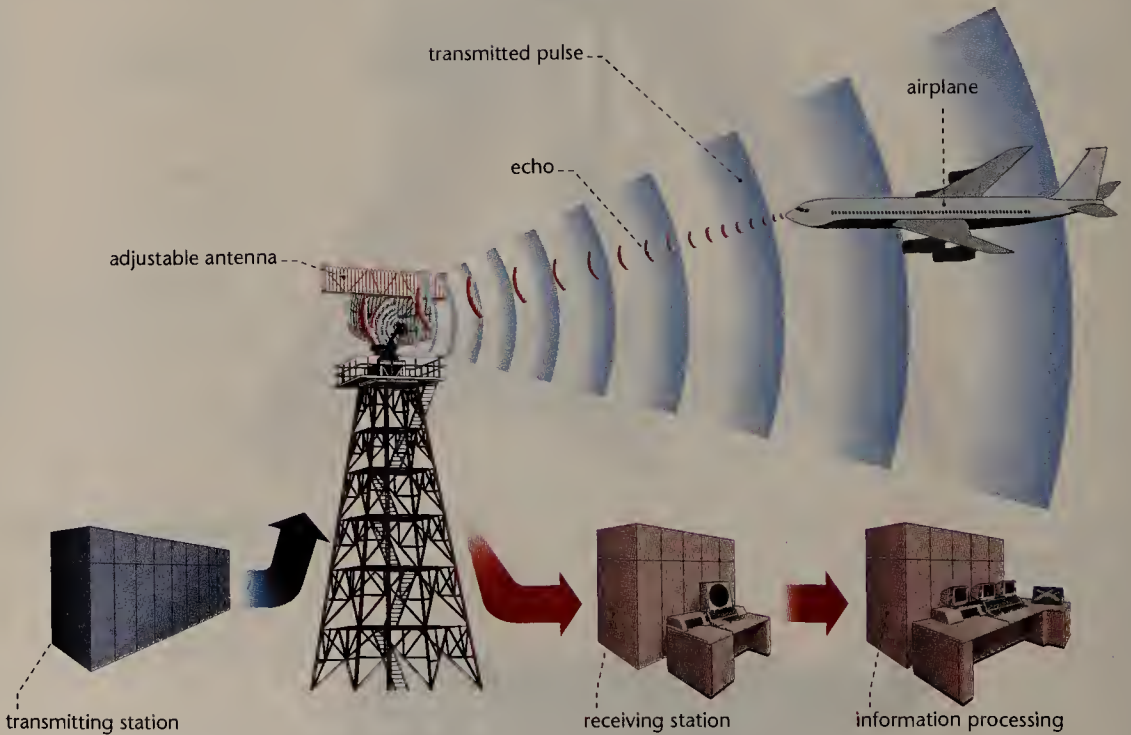
CONVERGING LENSES



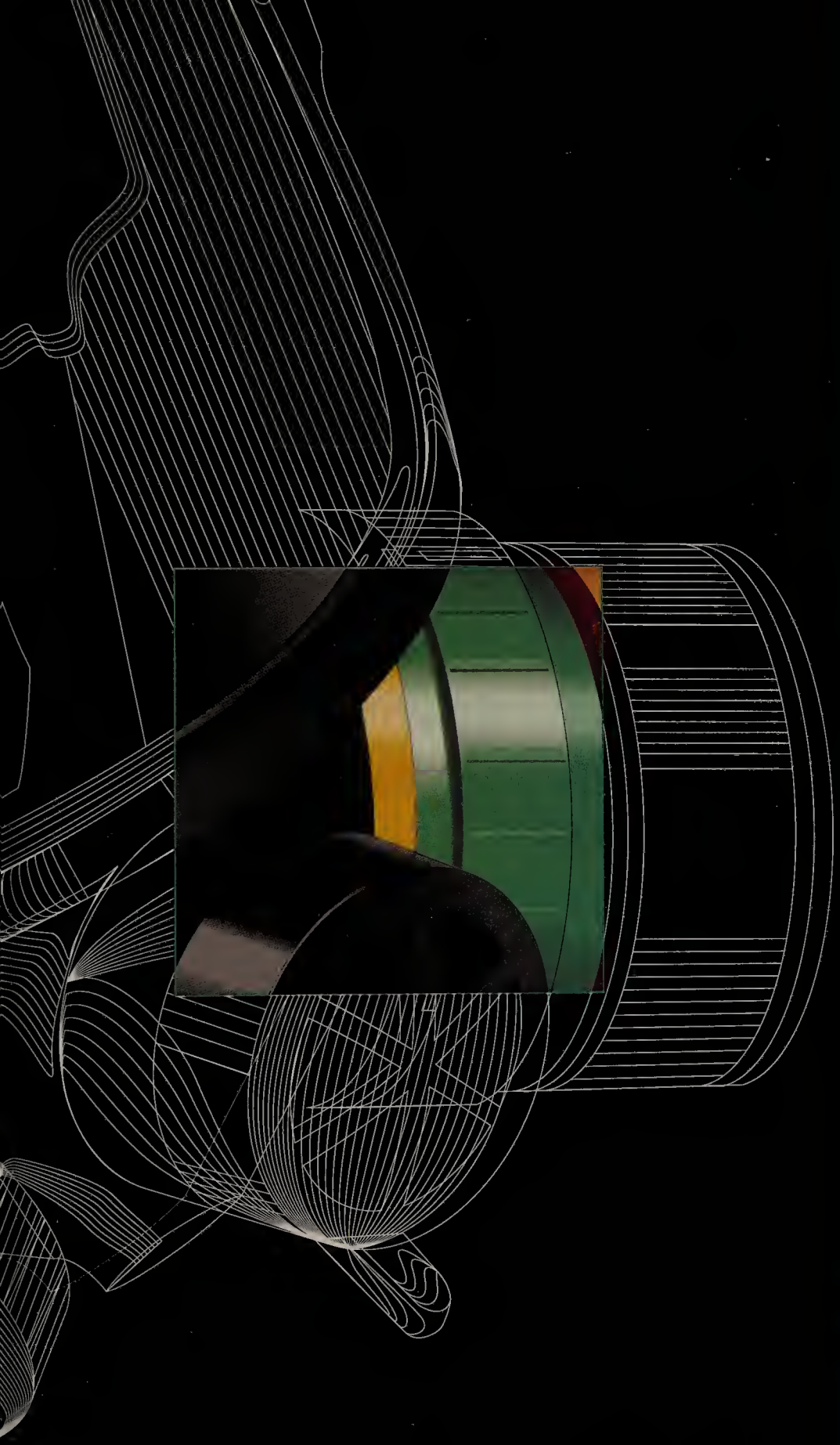
DIVERGING LENSES



RADAR



HEALTH AND SAFETY



CONTENTS

FIRST AID KIT725

FIRST AID EQUIPMENT726

WHEELCHAIR727

WALKING AIDS728

EAR PROTECTION729

EYE PROTECTION.....729

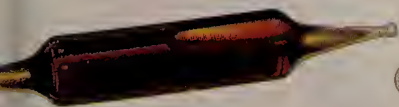
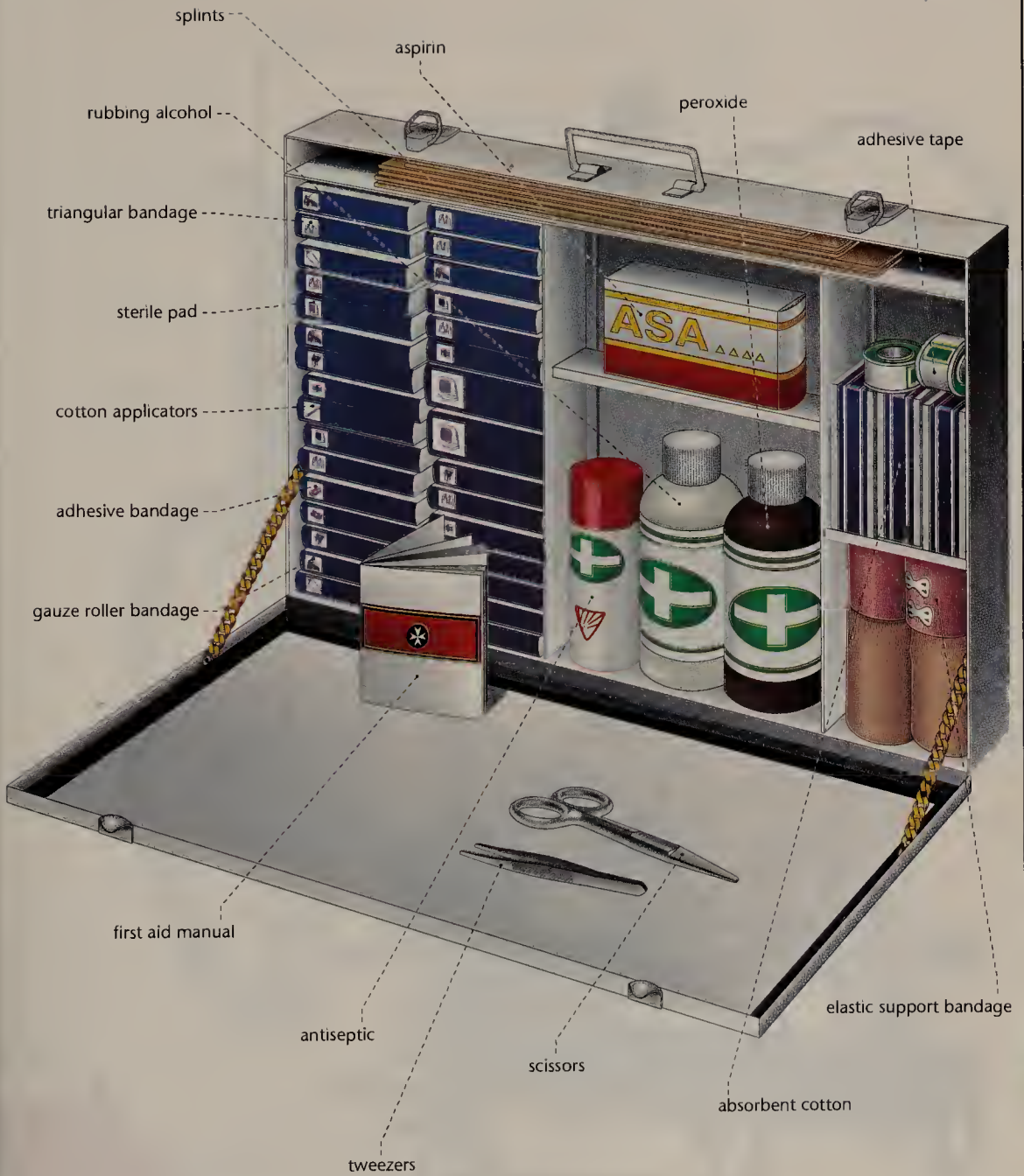
HEAD PROTECTION729

RESPIRATORY SYSTEM PROTECTION.....730

SAFETY VEST730

FEET PROTECTION730

FIRST AID KIT



vial



capsule



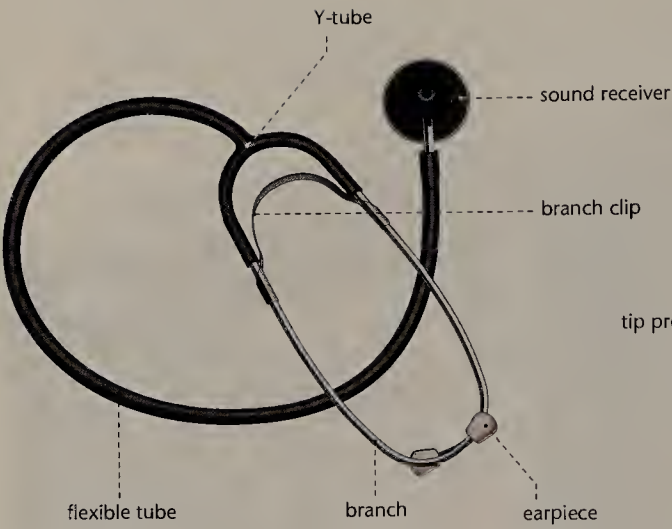
tablet



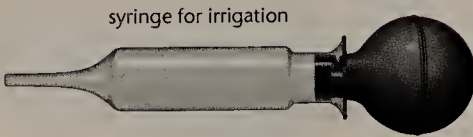
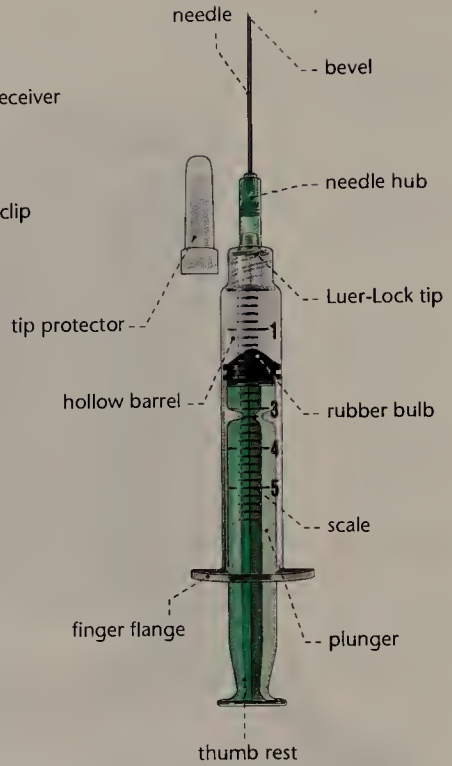
gelatin capsule

FIRST AID EQUIPMENT

STETHOSCOPE



SYRINGE



COT



stretcher



WHEELCHAIR

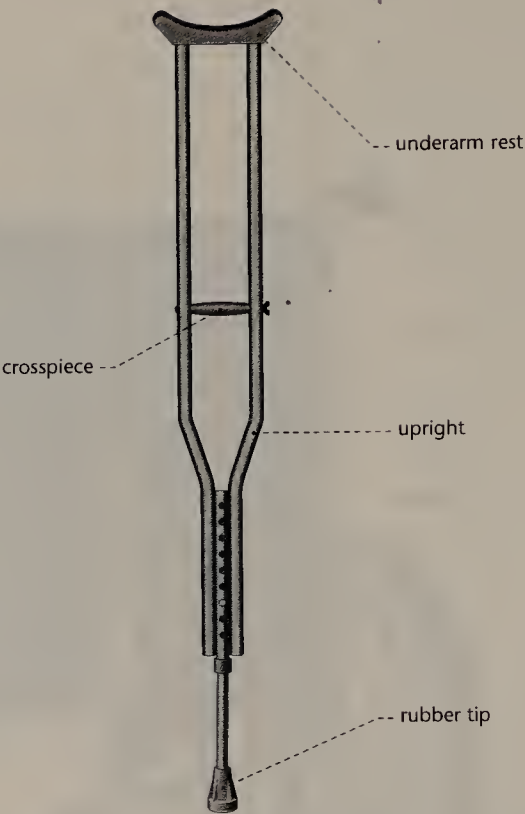


WALKING AIDS

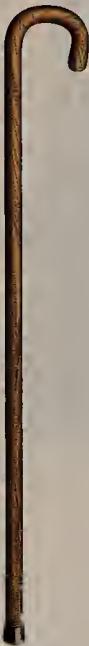
FOREARM CRUTCH



UNDERARM CRUTCH



CANES

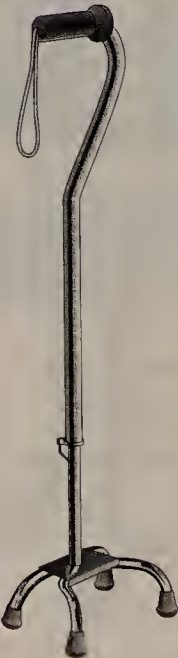


walking stick

English cane



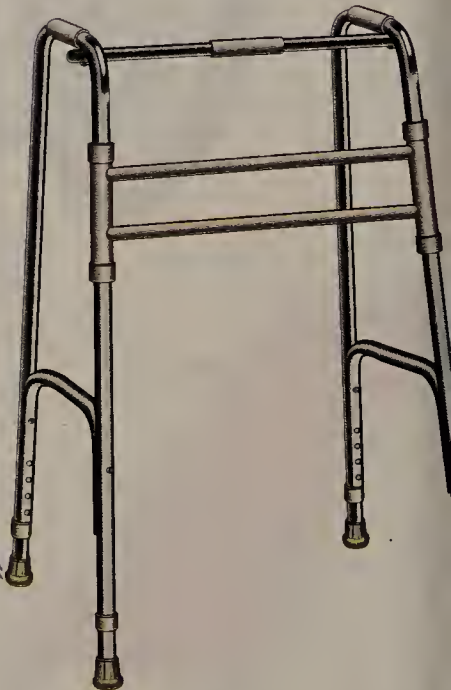
quad cane



ortho-cane



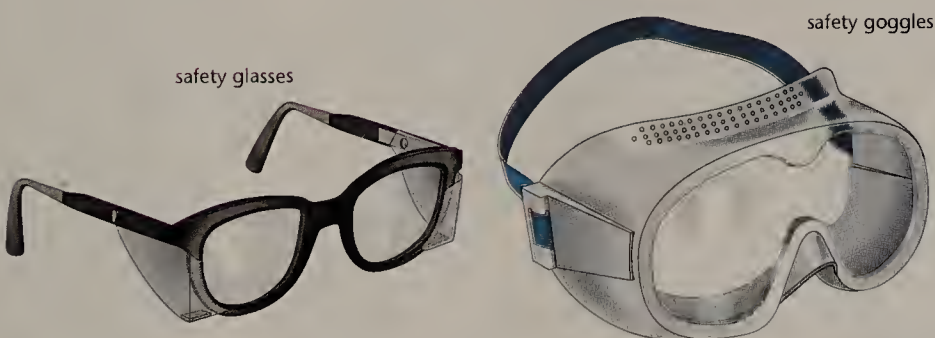
walker



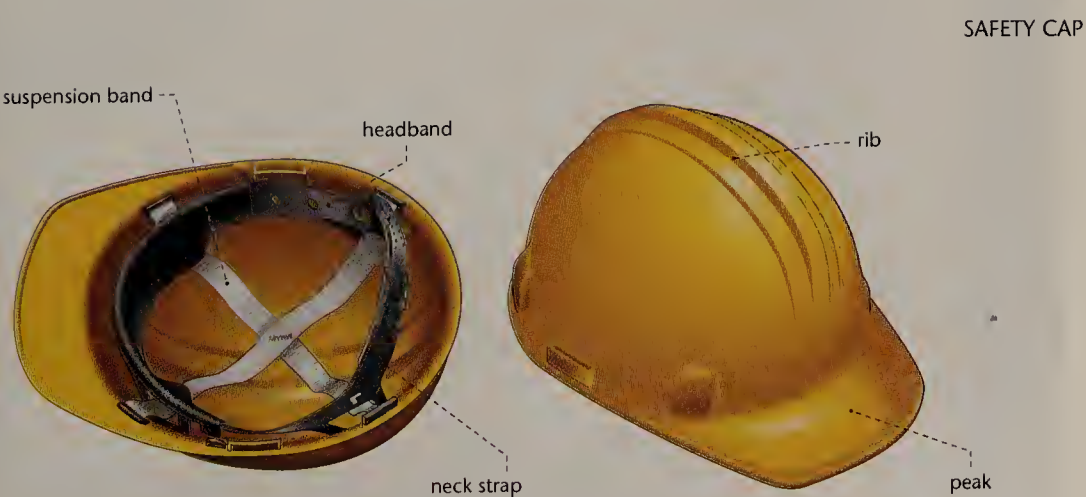
EAR PROTECTION



EYE PROTECTION



HEAD PROTECTION

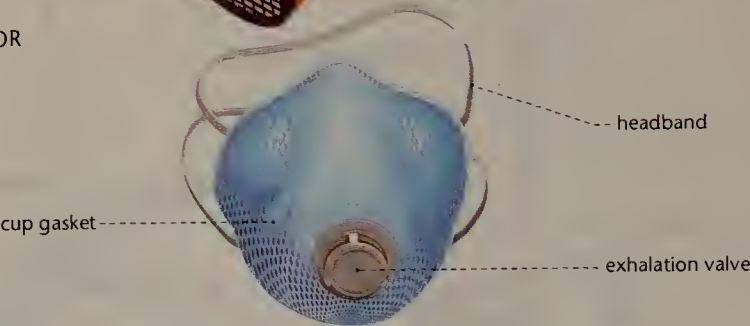


RESPIRATORY SYSTEM PROTECTION

RESPIRATOR



HALF-MASK RESPIRATOR



SAFETY VEST



FEET PROTECTION



SAFETY BOOT



ENERGY

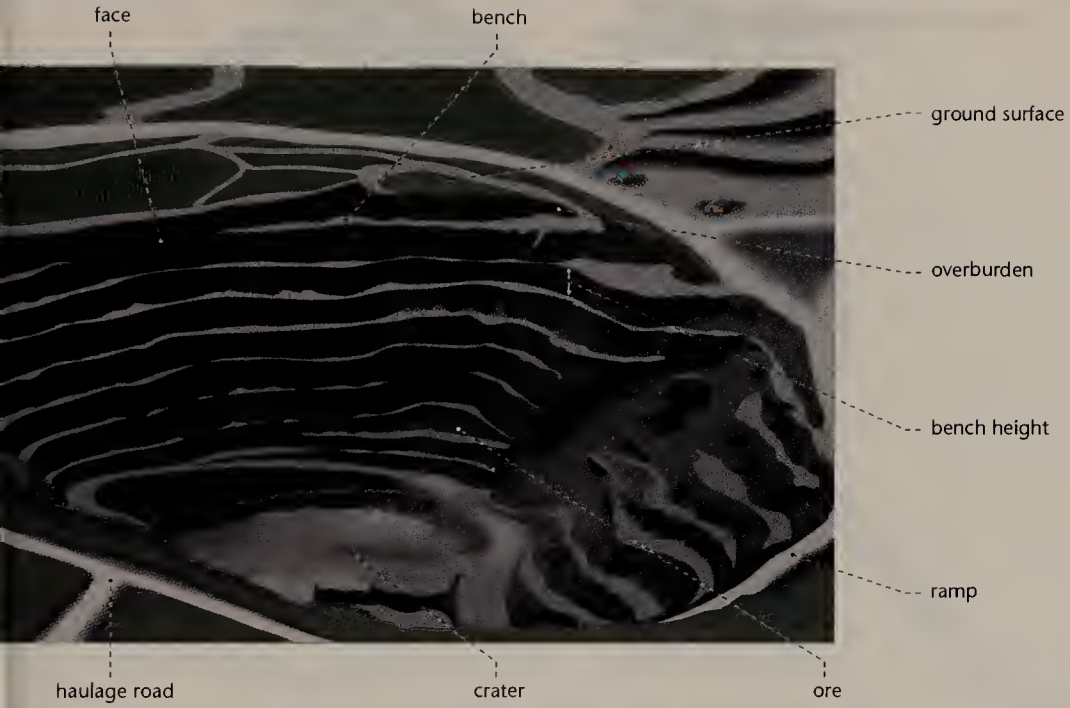


CONTENTS

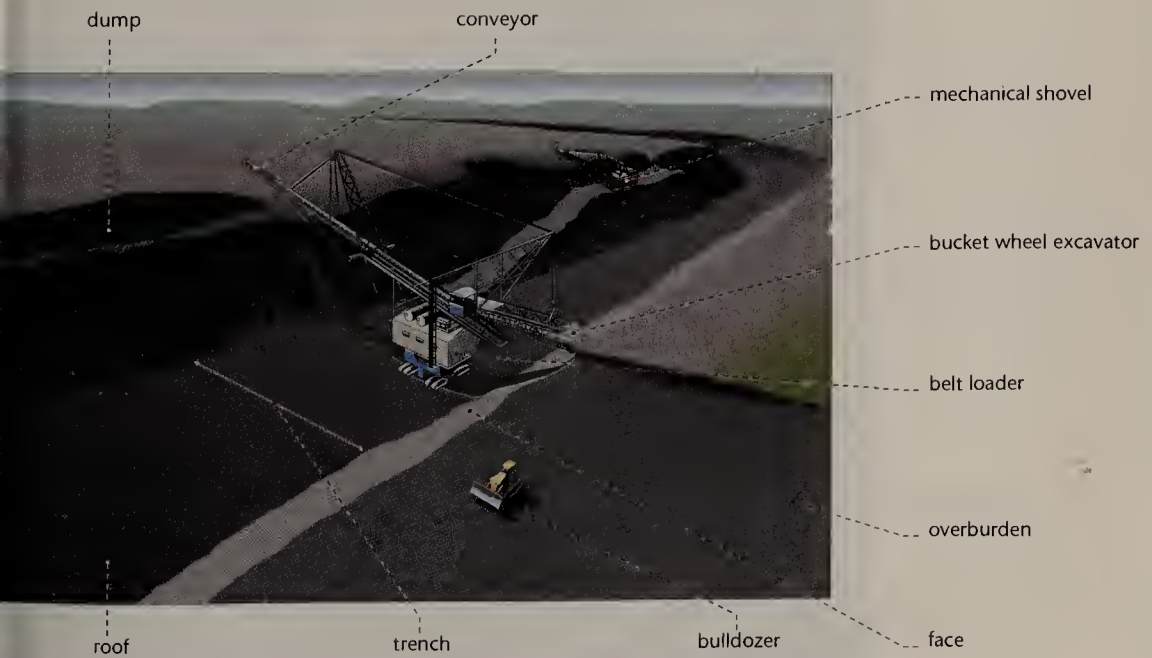
COAL MINE	733
OIL.....	737
ELECTRICITY.....	746
NUCLEAR ENERGY	758
SOLAR ENERGY	768
WIND ENERGY	773

COAL MINE

OPEN-PIT MINE

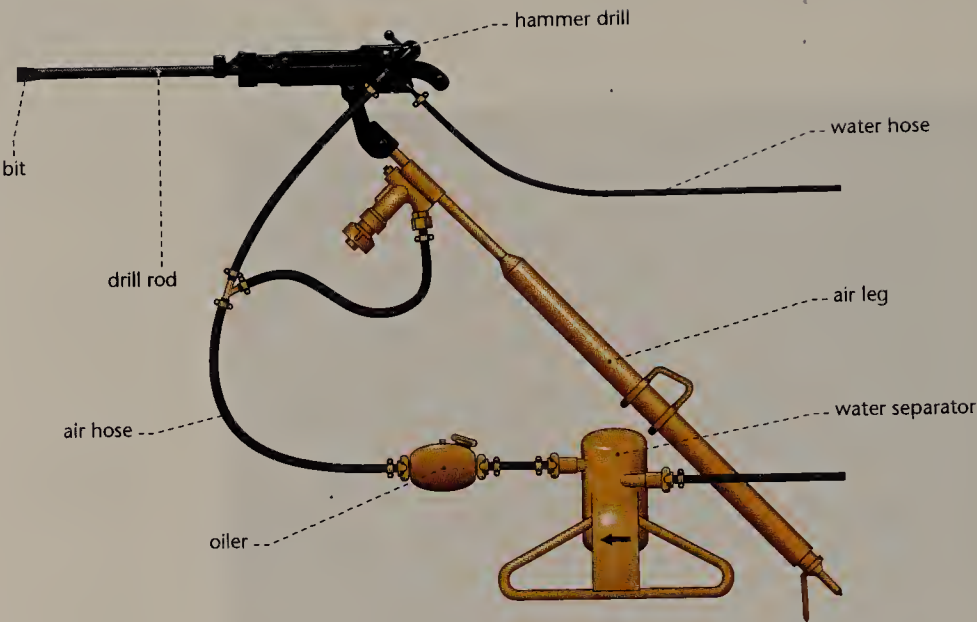


STRIP MINE

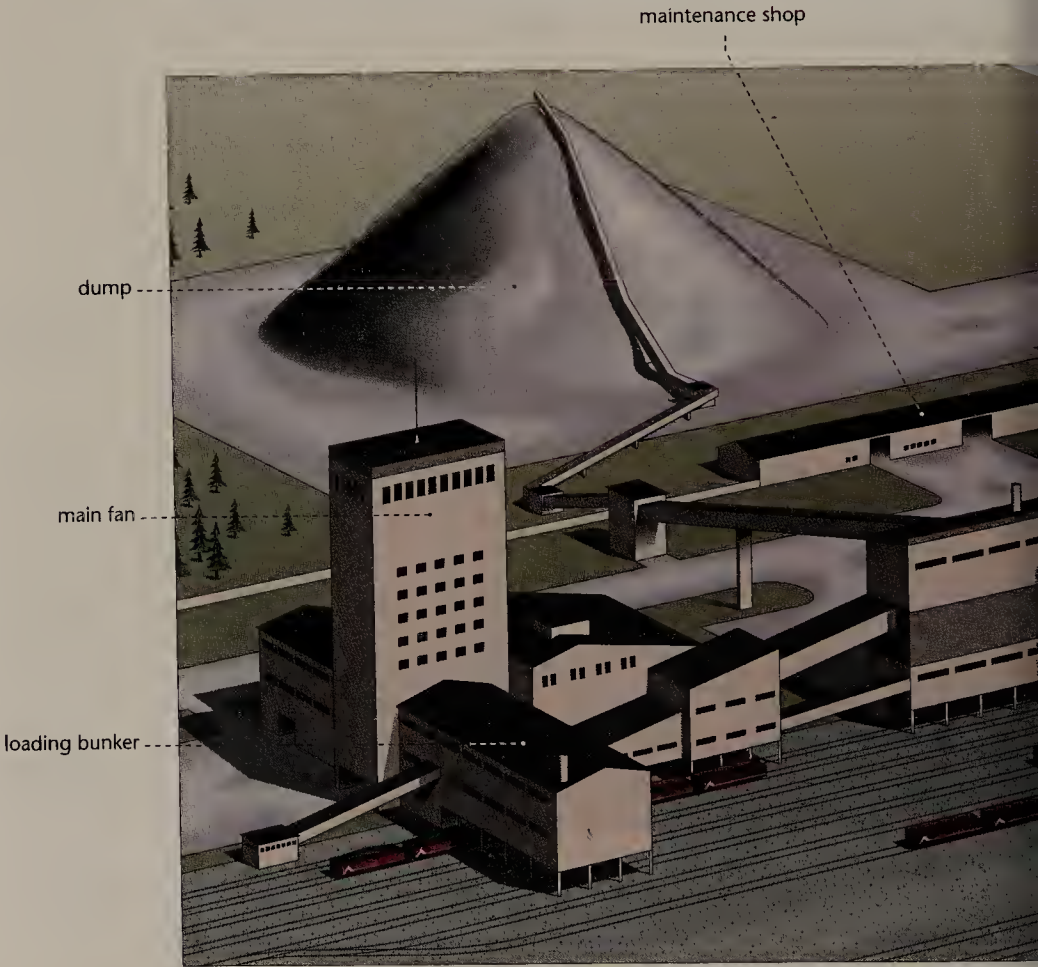


COAL MINE

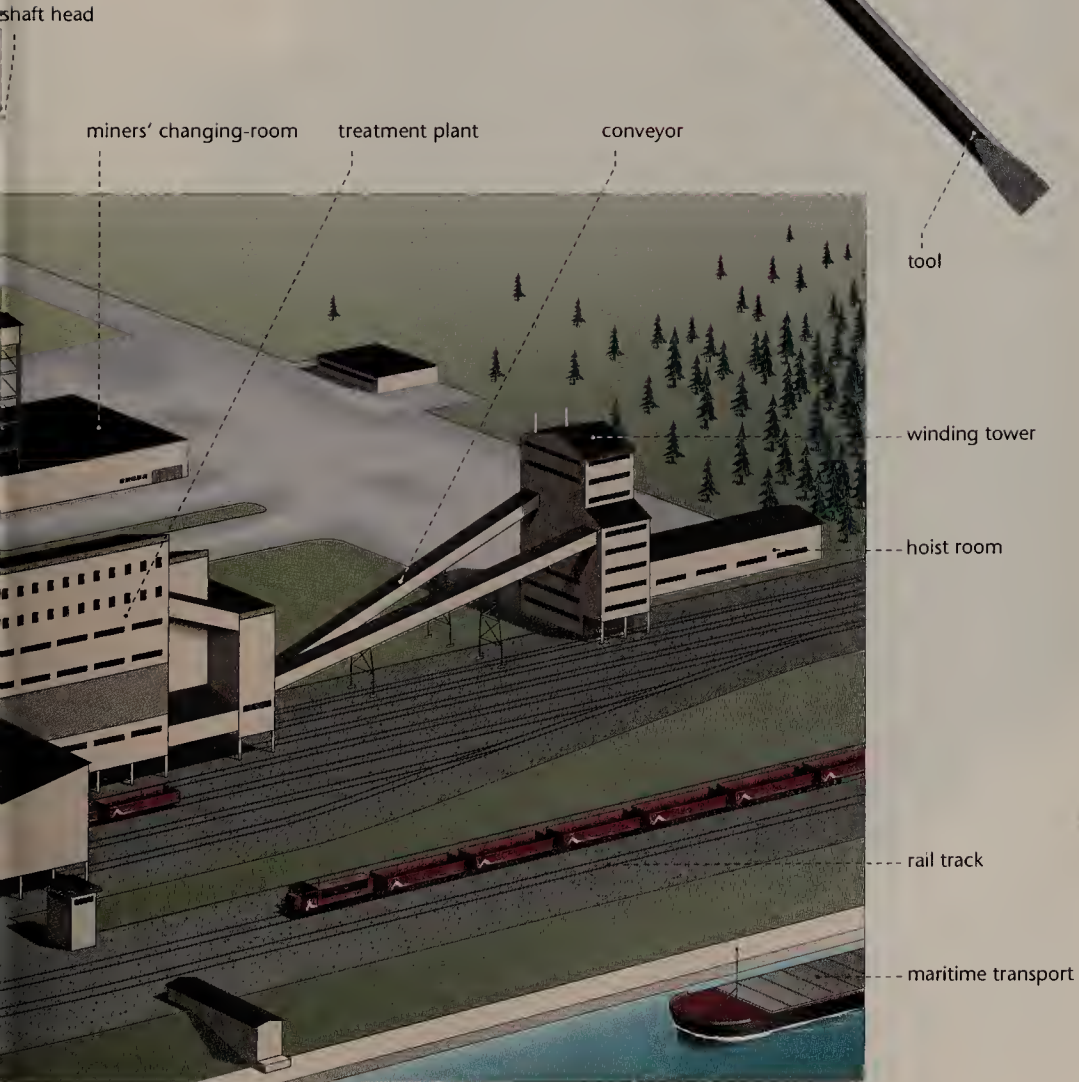
JACKLEG DRILL



PITHEAD

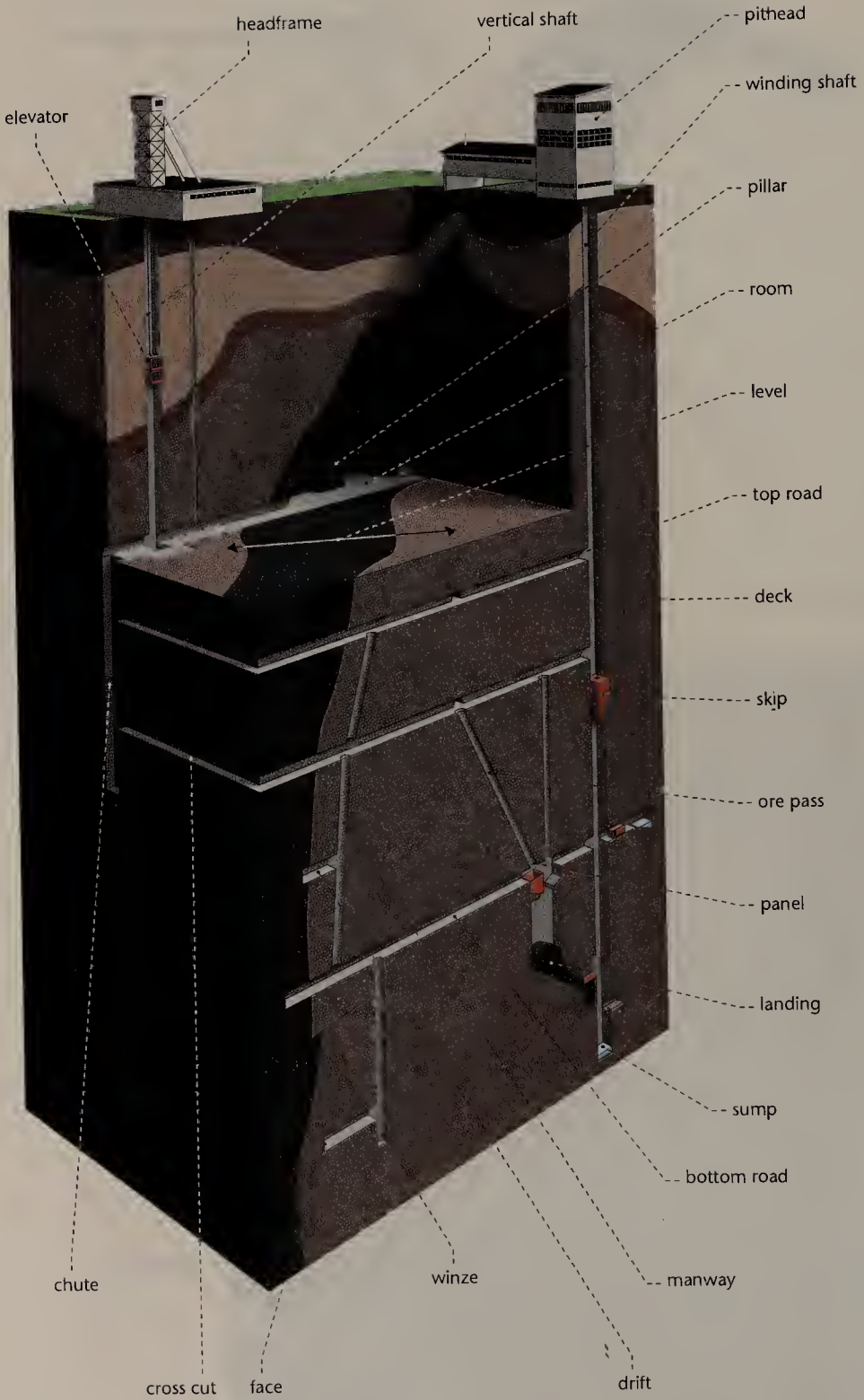


PNEUMATIC HAMMER

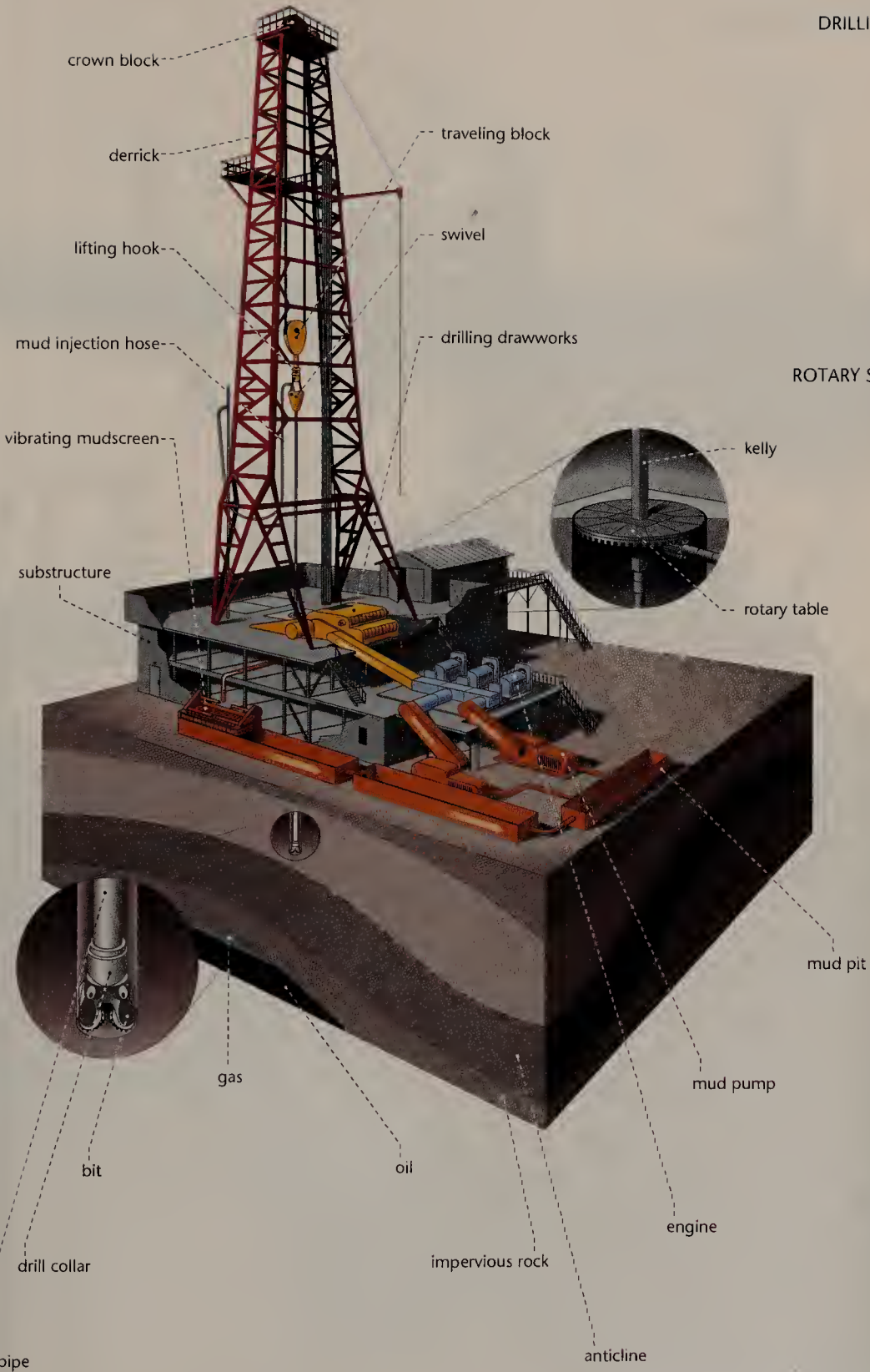


COAL MINE

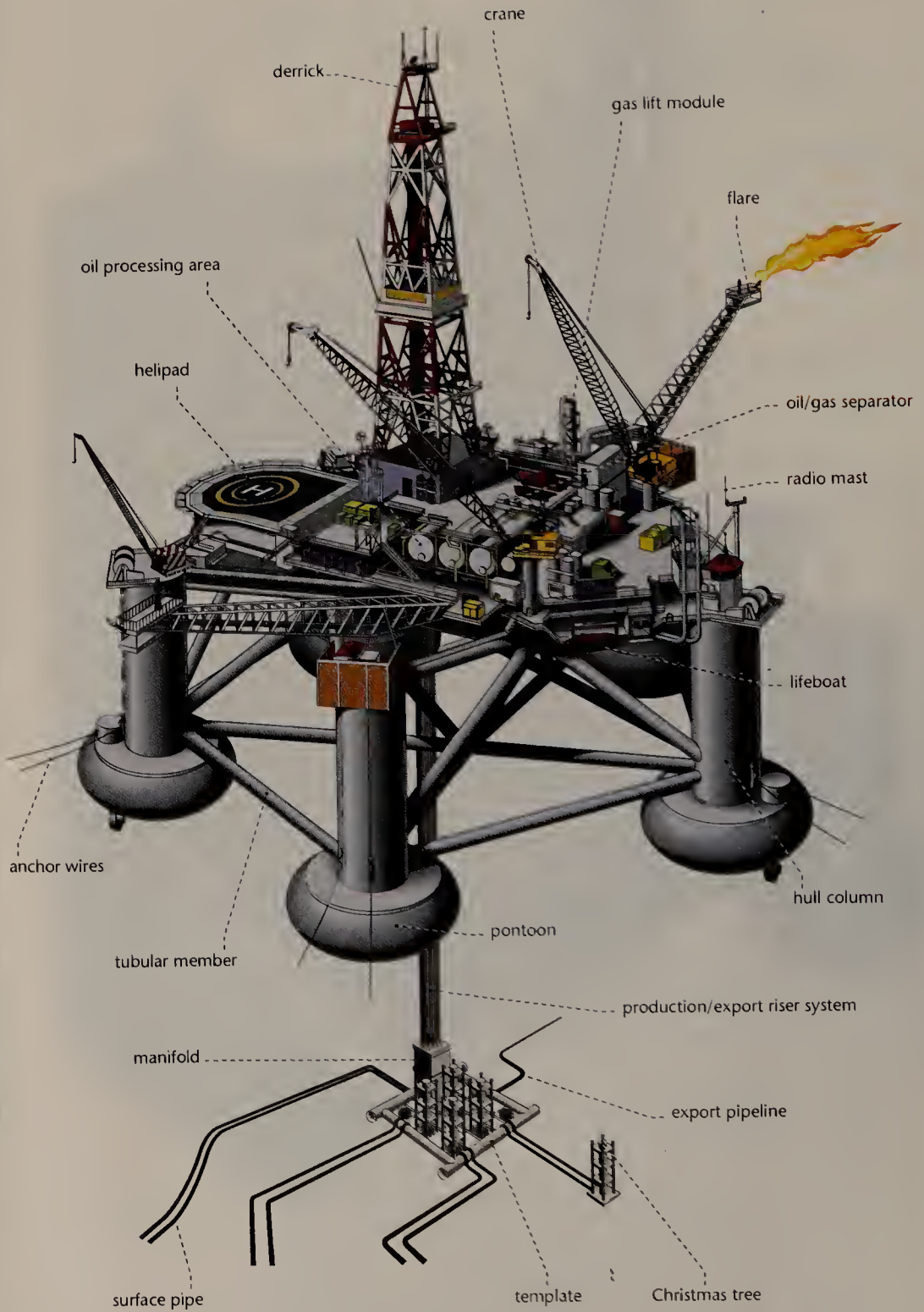
UNDERGROUND MINE

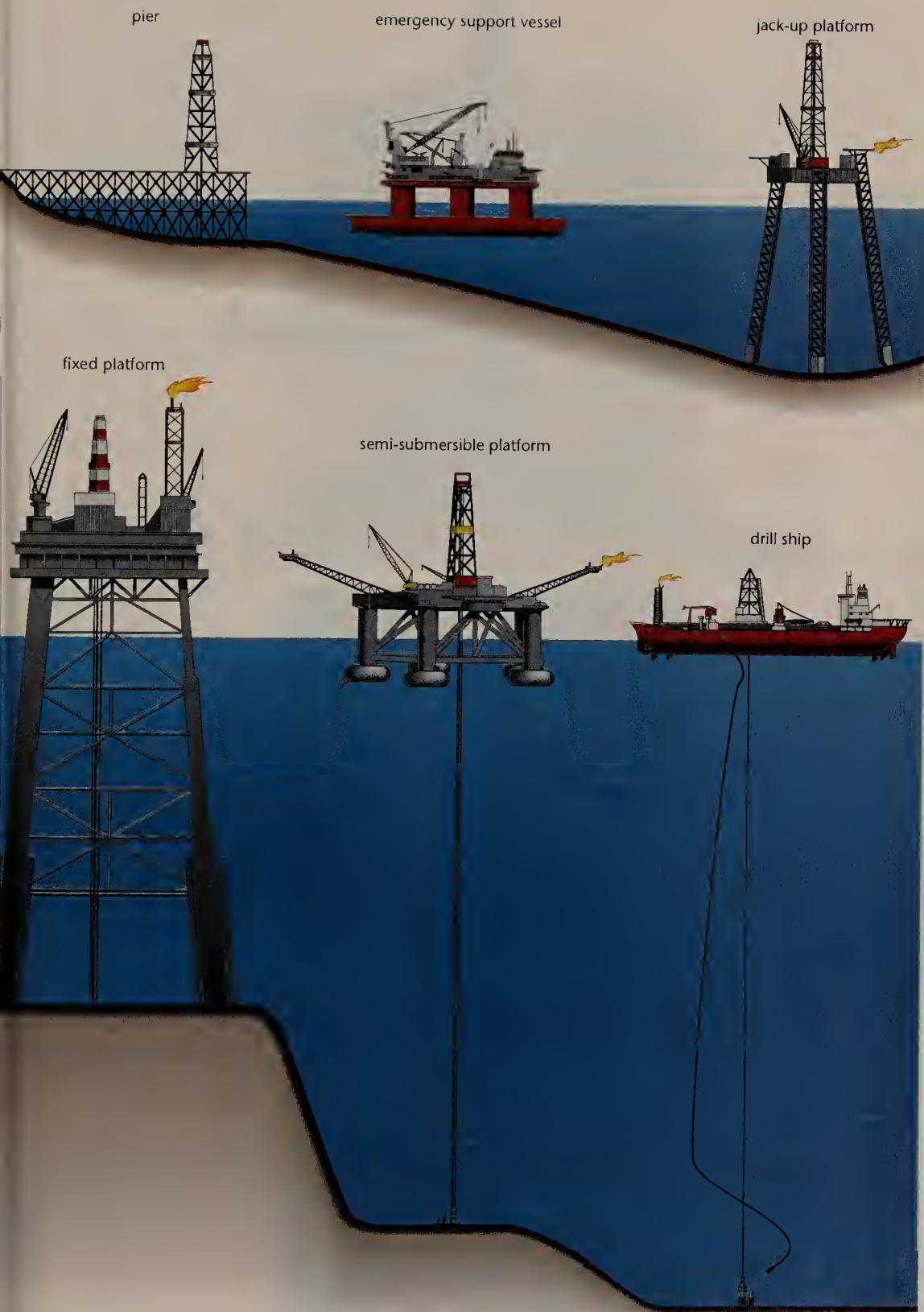


DRILLING RIG



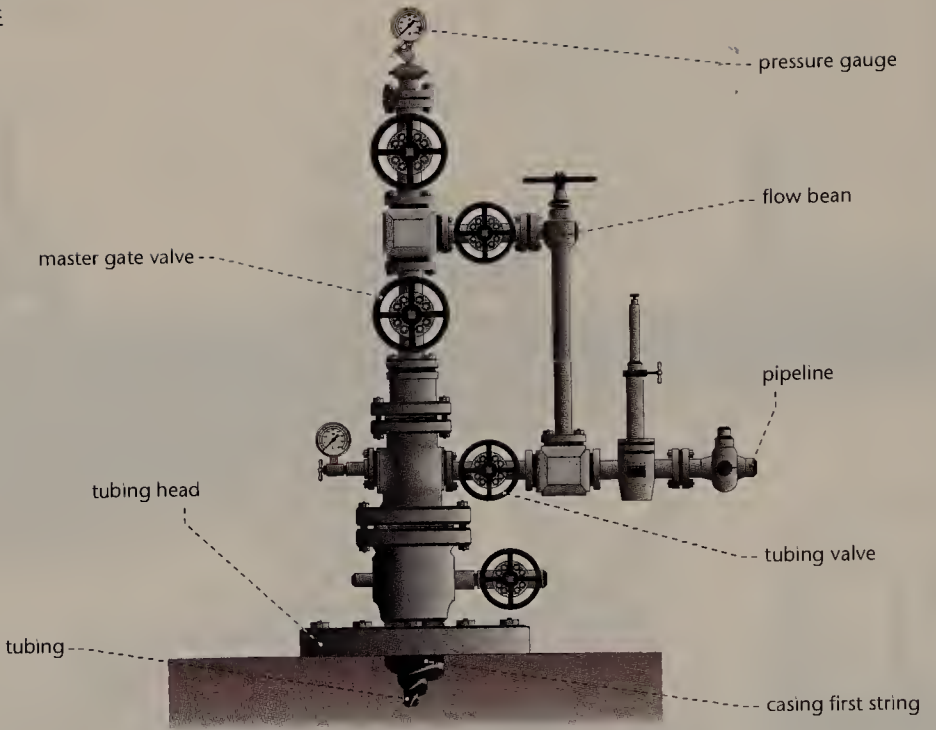
PRODUCTION PLATFORM



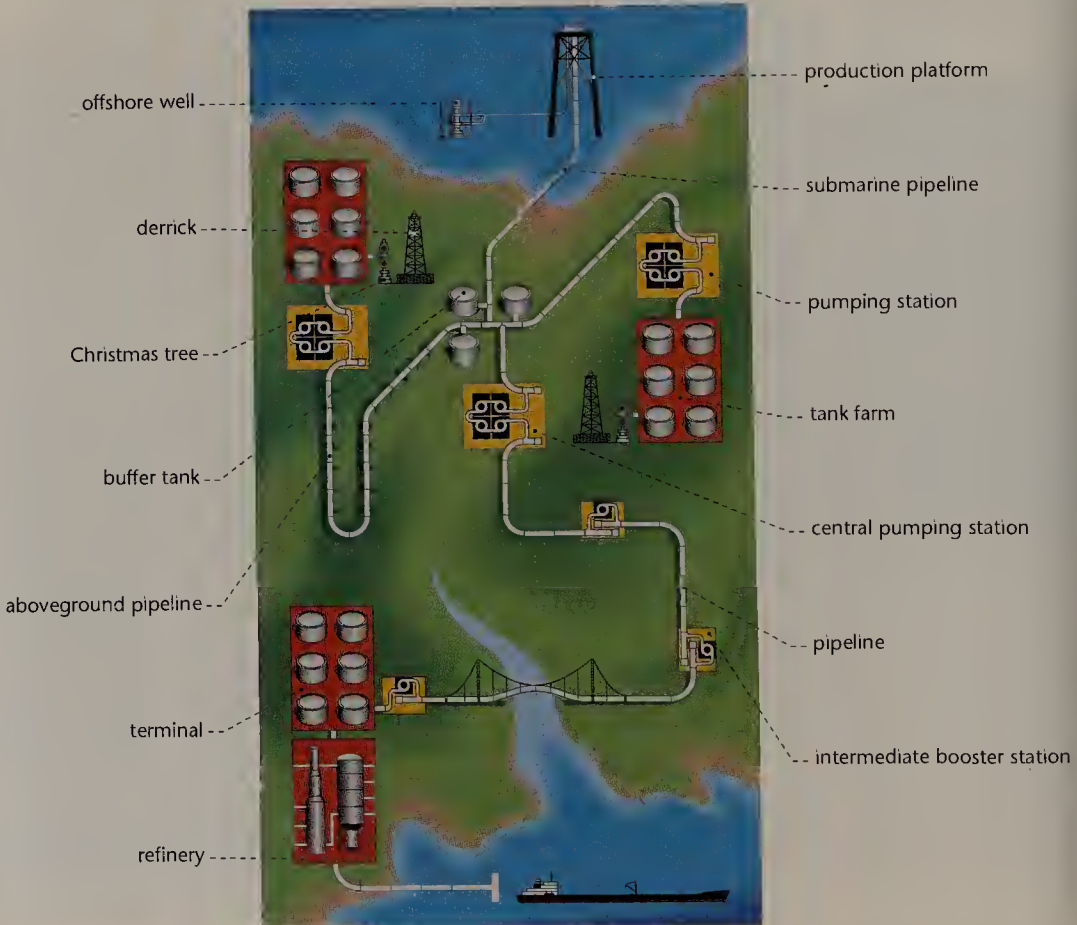


OIL

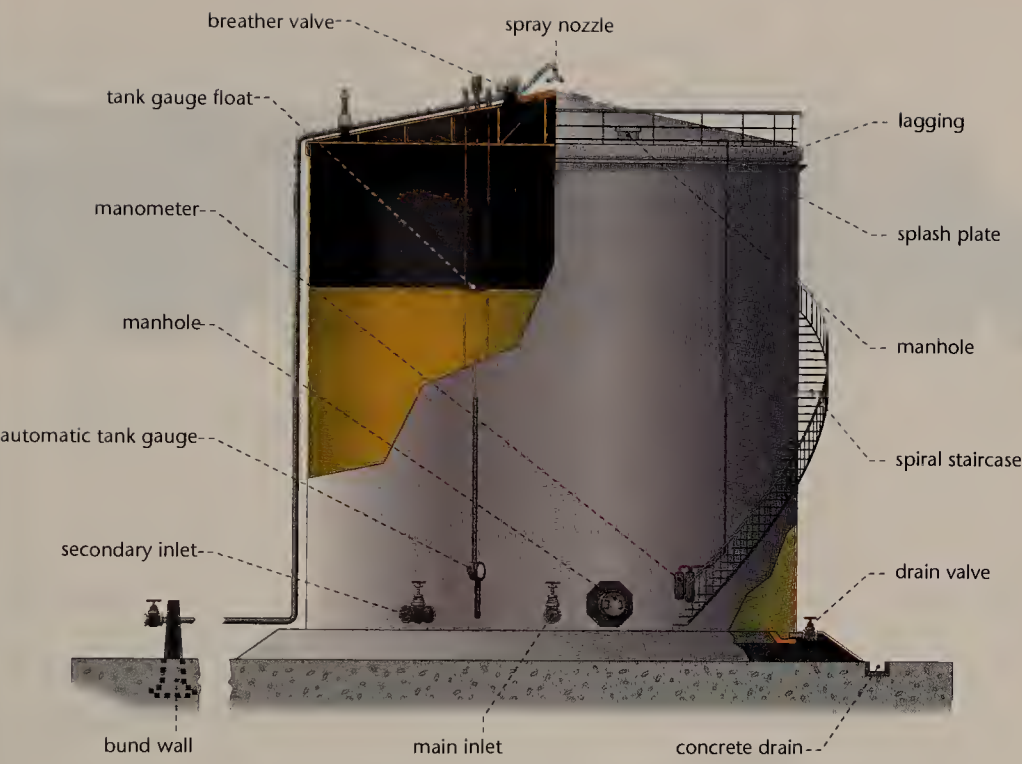
CHRISTMAS TREE



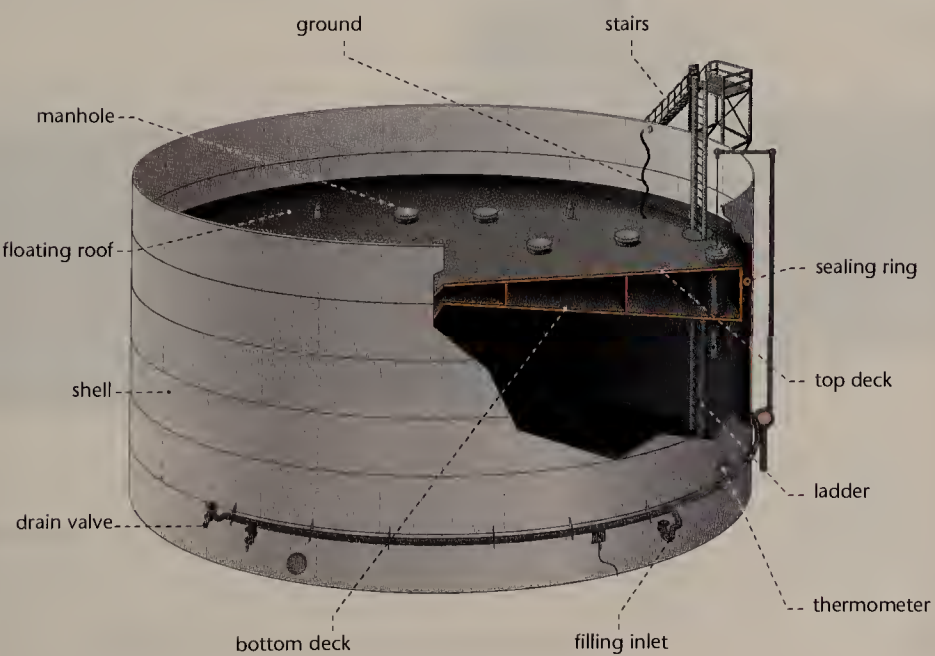
CRUDE-OIL PIPELINE



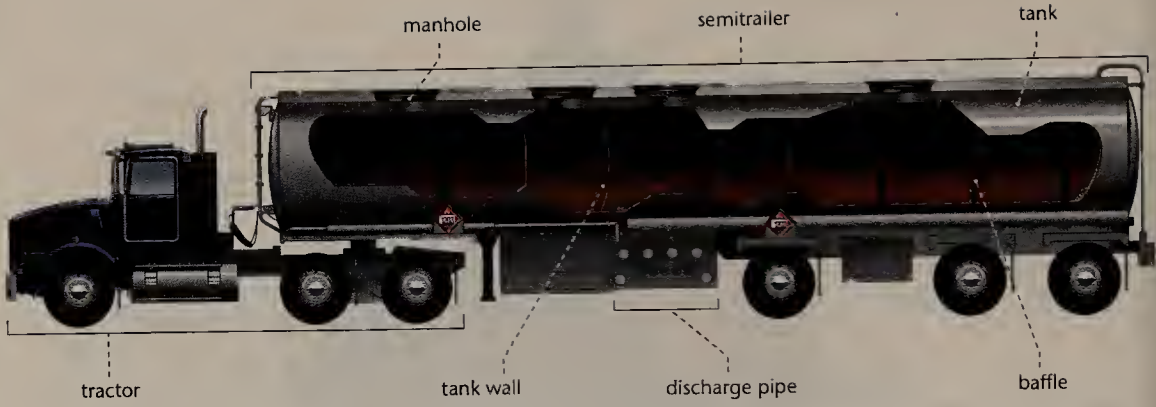
FIXED-ROOF TANK



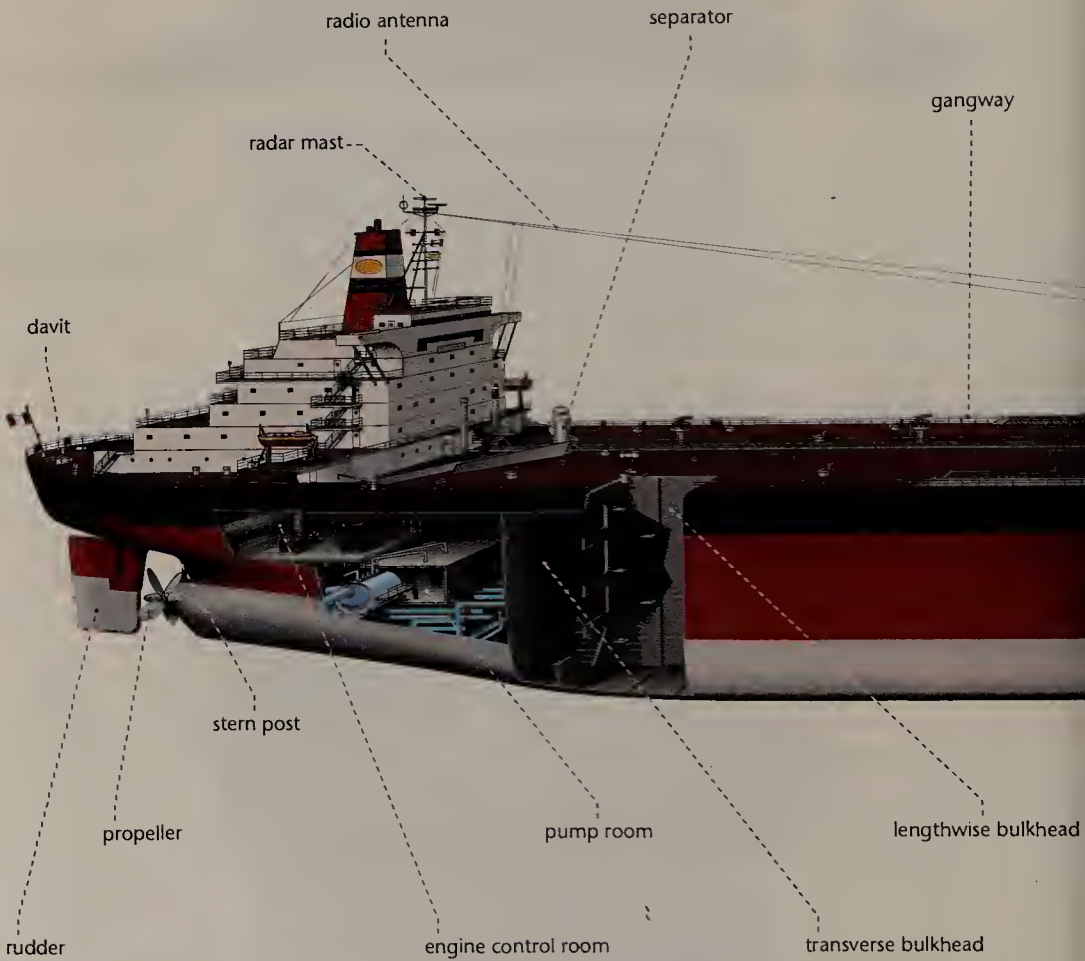
FLOATING-ROOF TANK



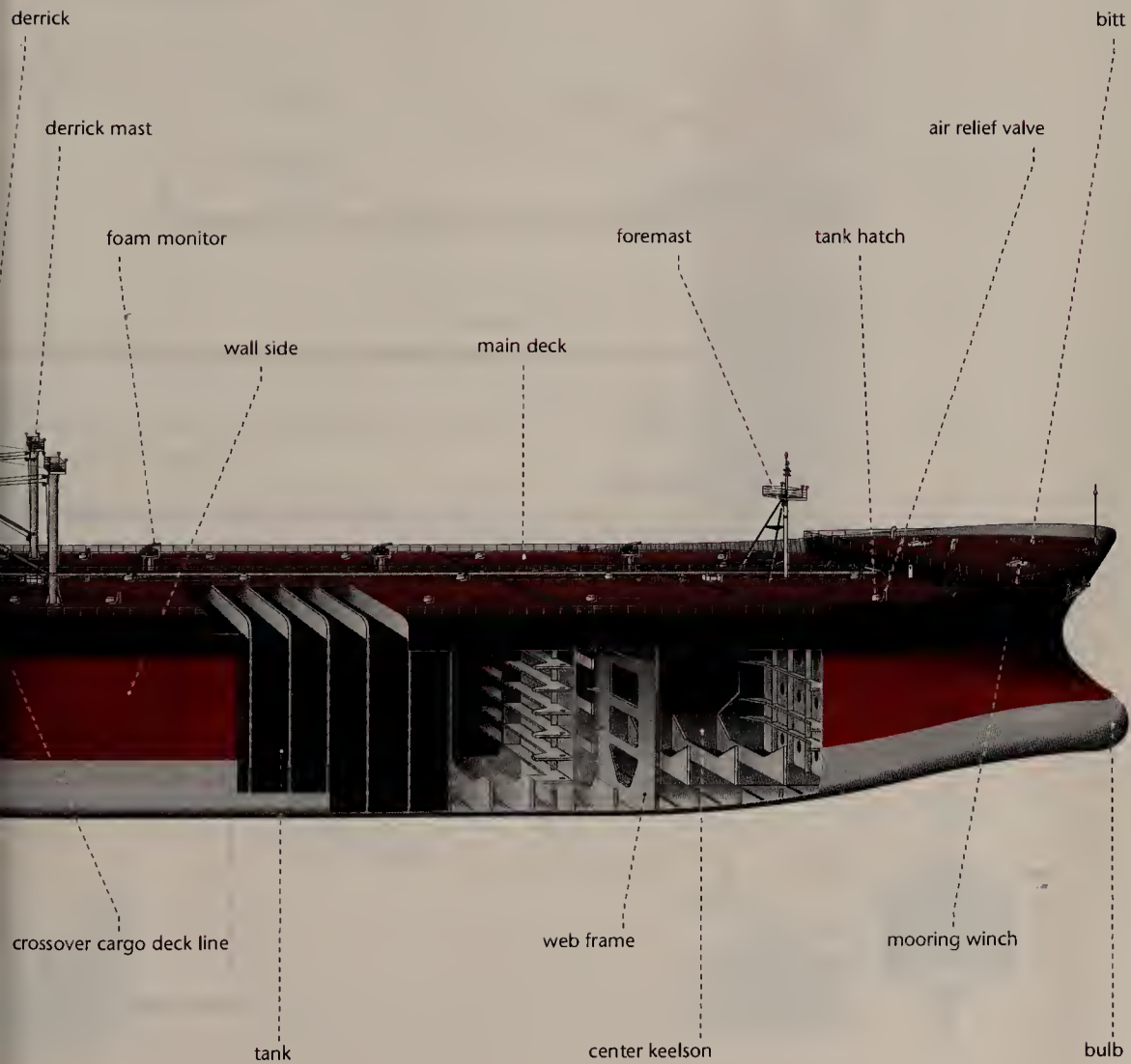
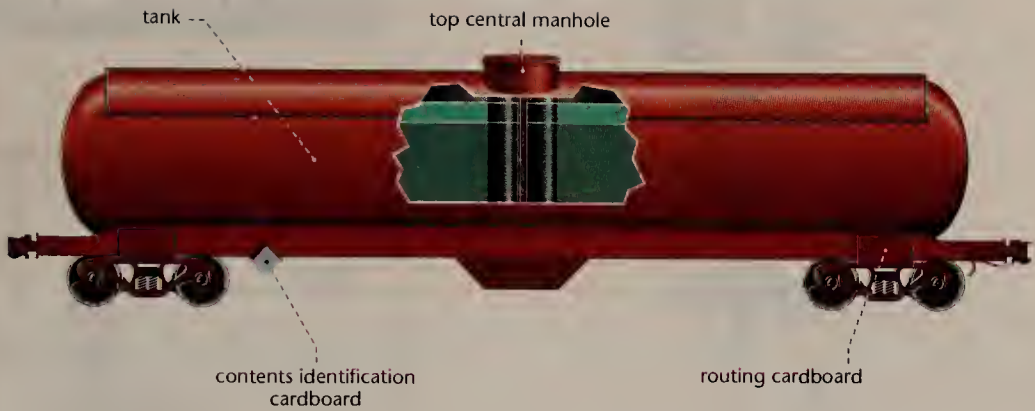
TANK TRAILER



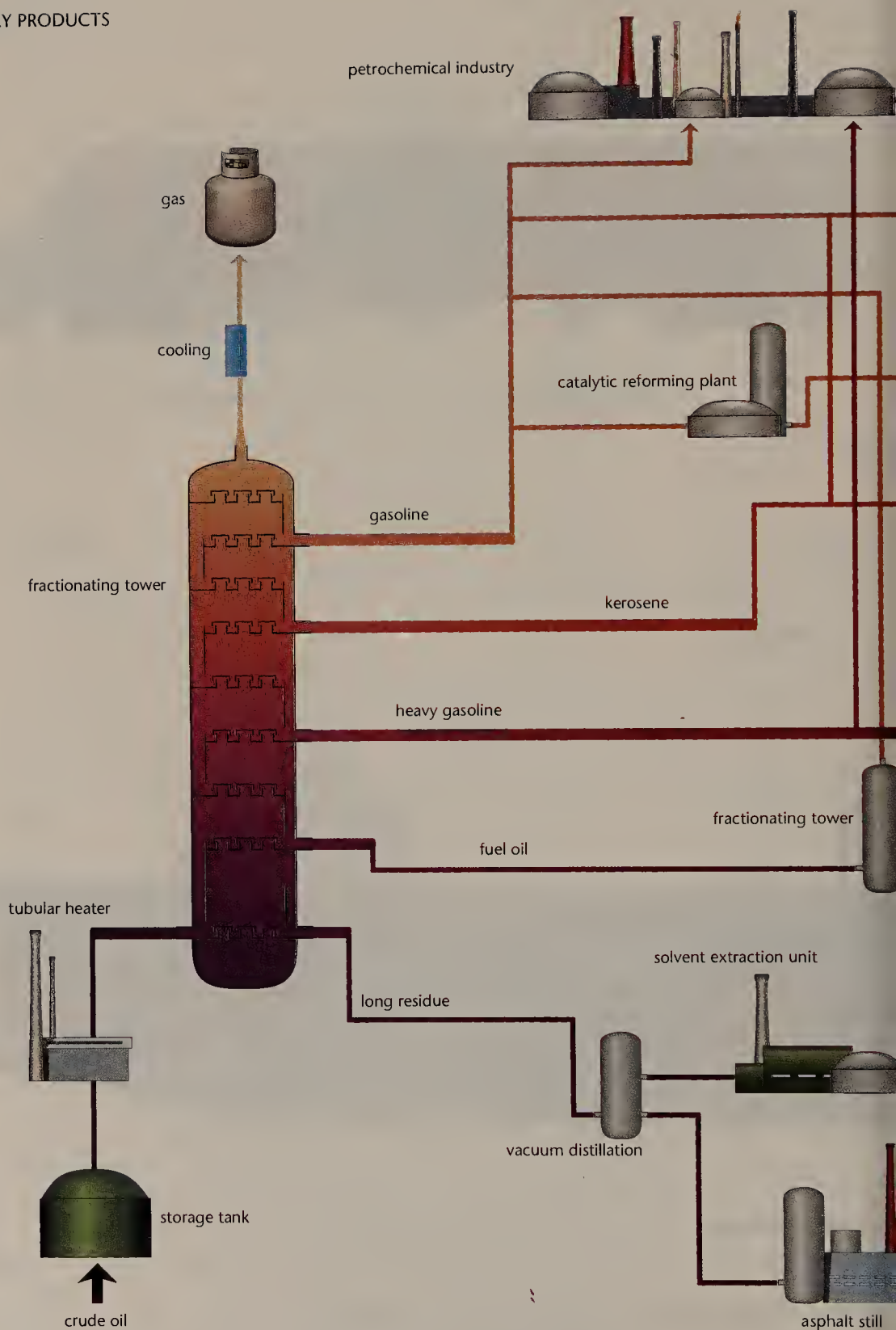
TANKER

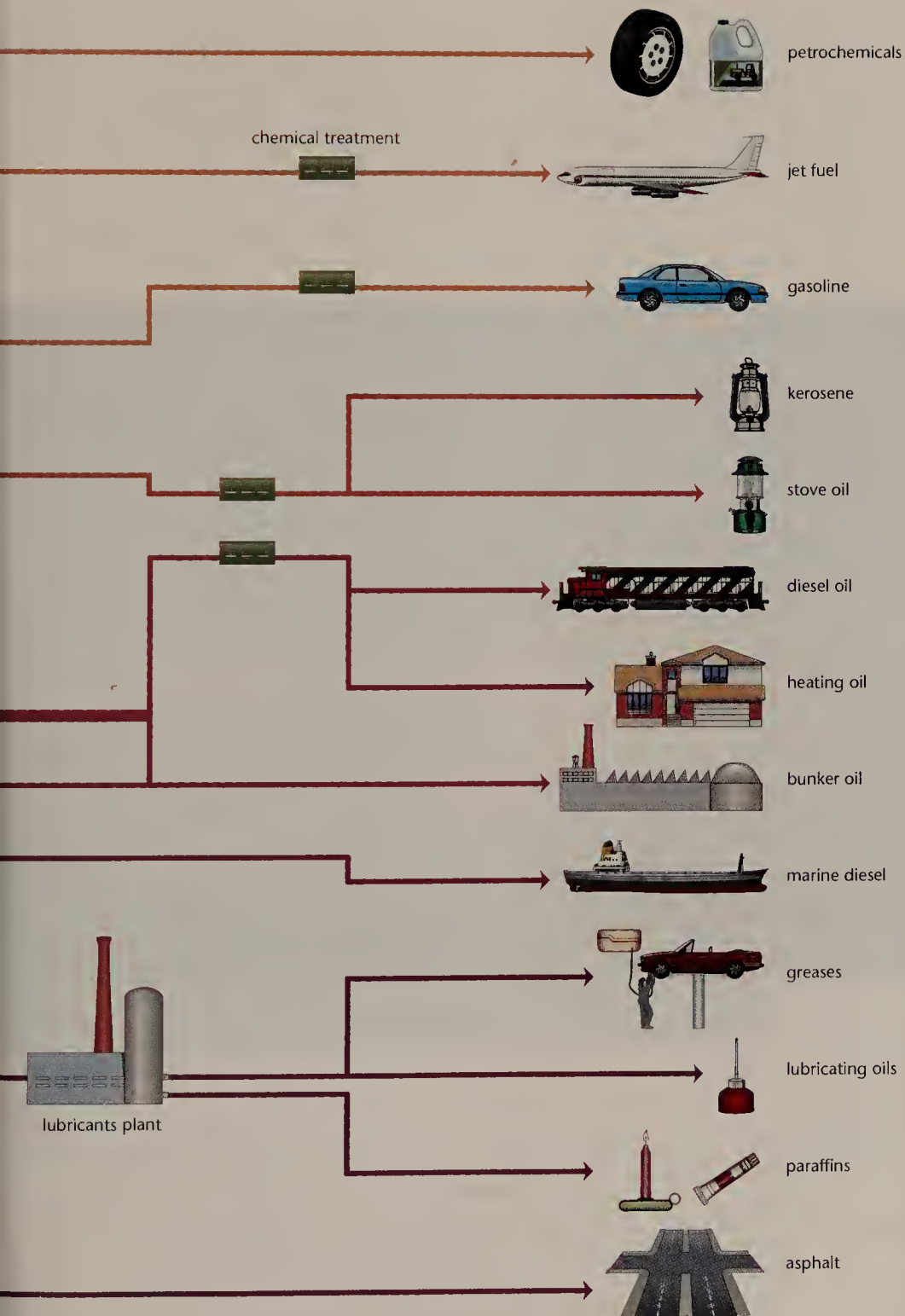


TANK CAR

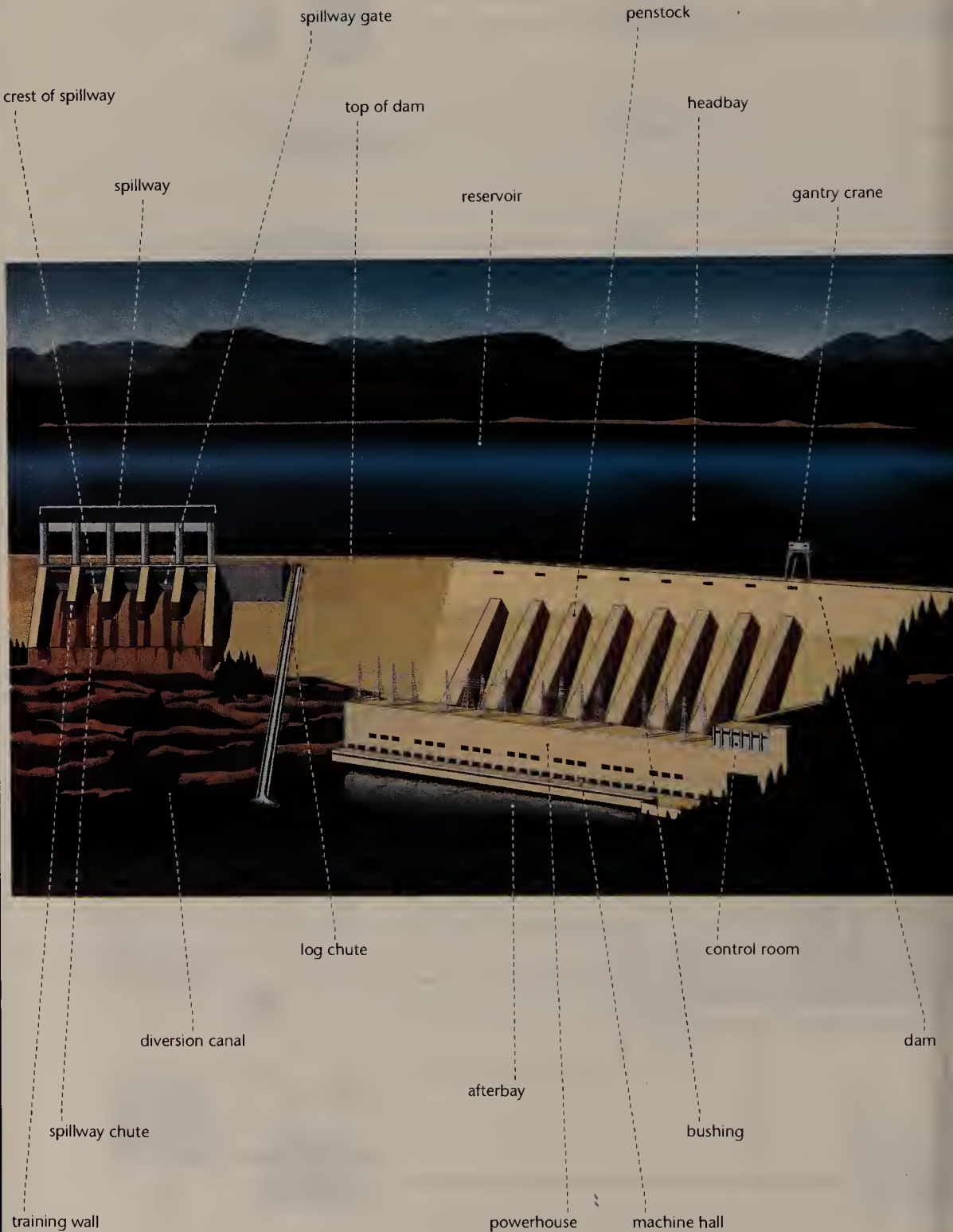


REFINERY PRODUCTS

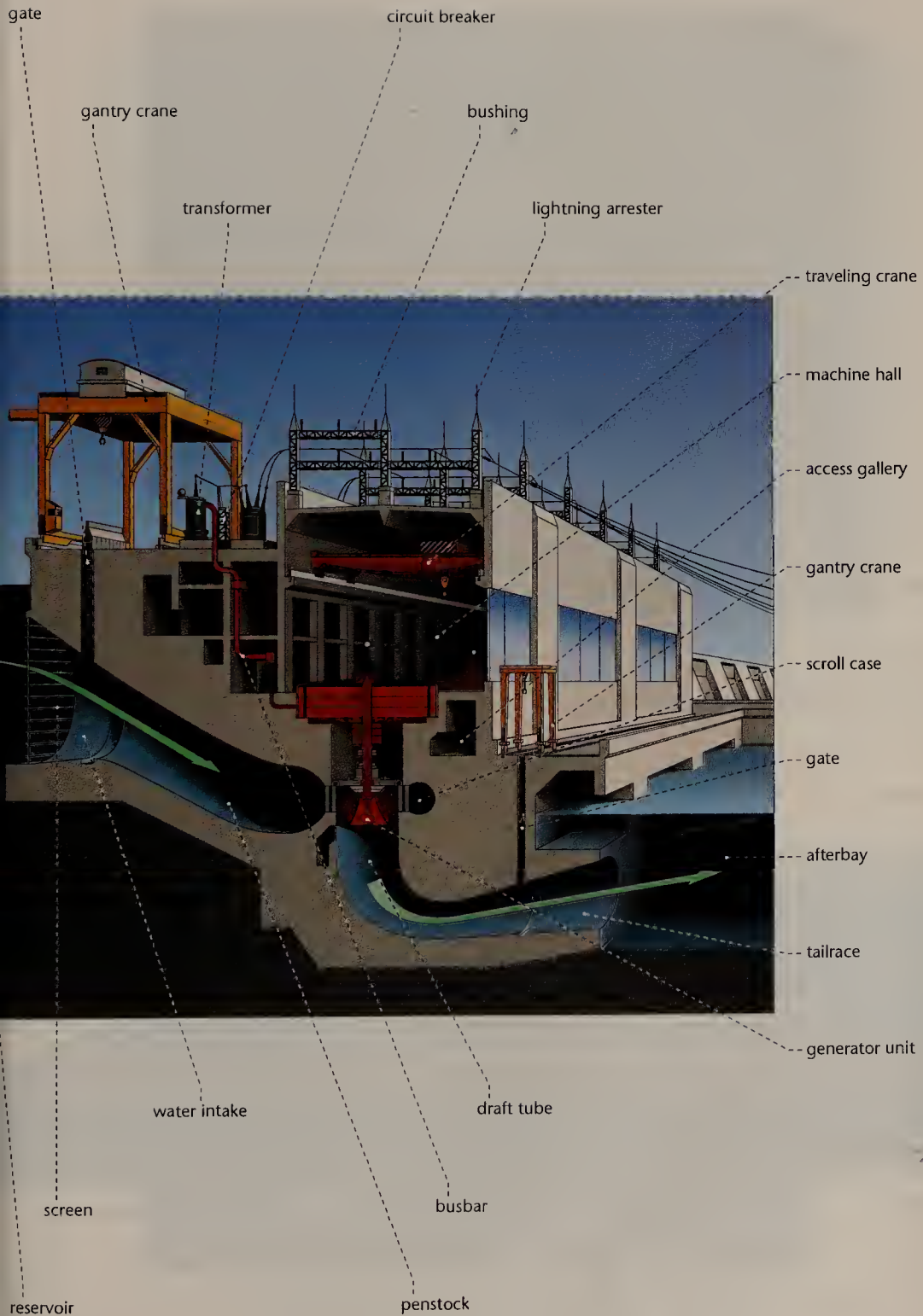




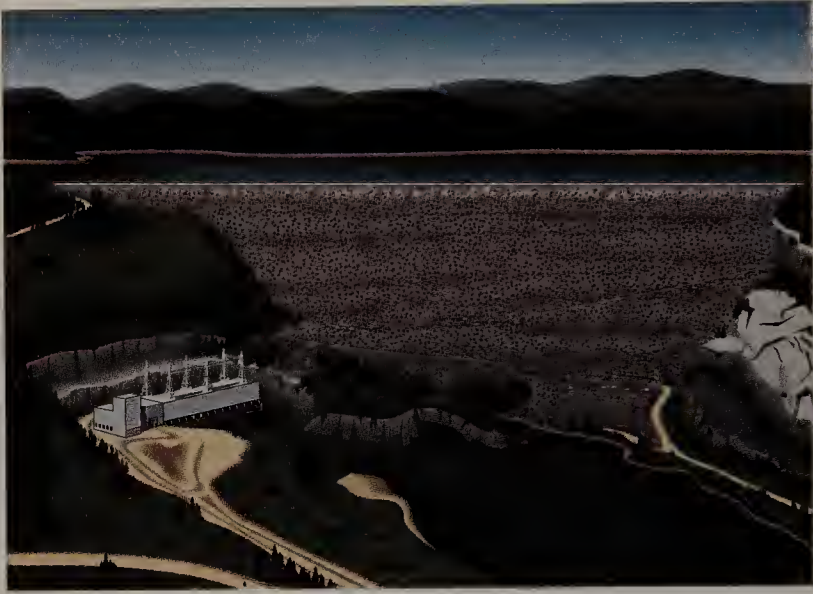
HYDROELECTRIC COMPLEX



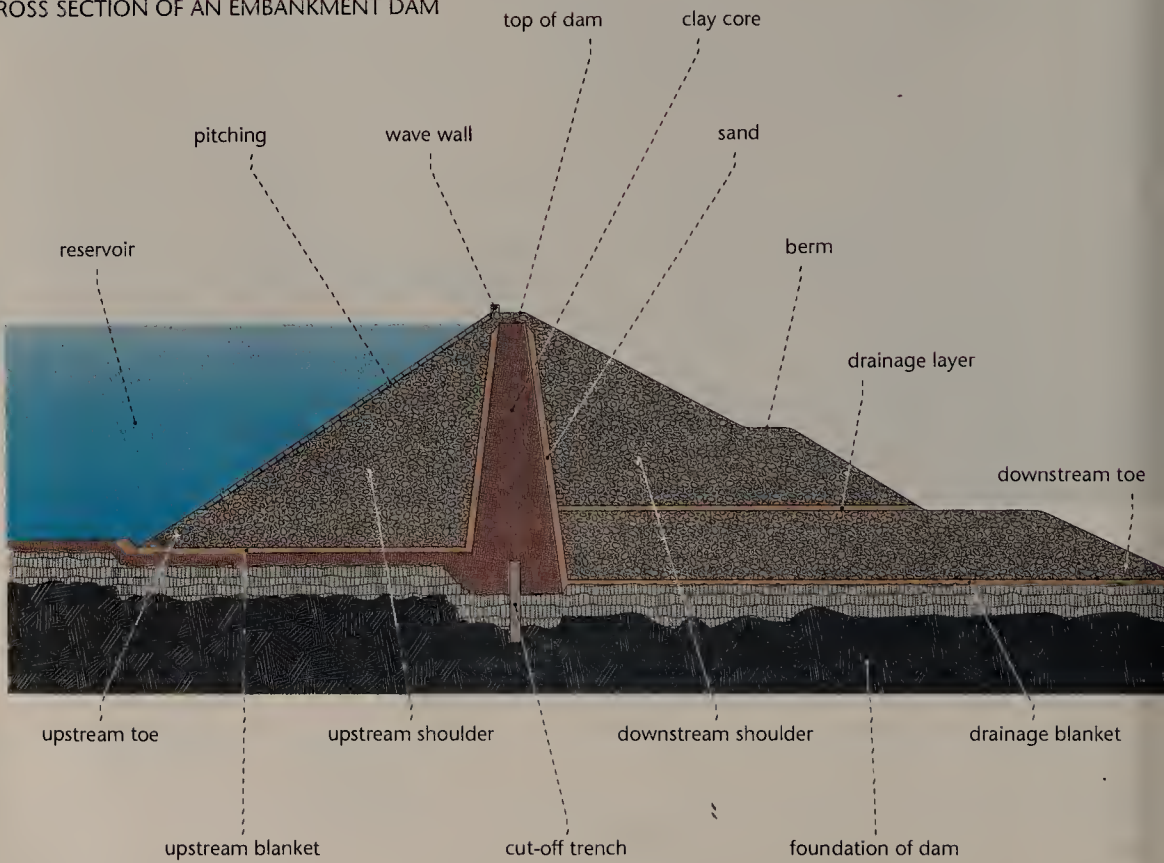
CROSS SECTION OF HYDROELECTRIC POWER STATION



embankment dam

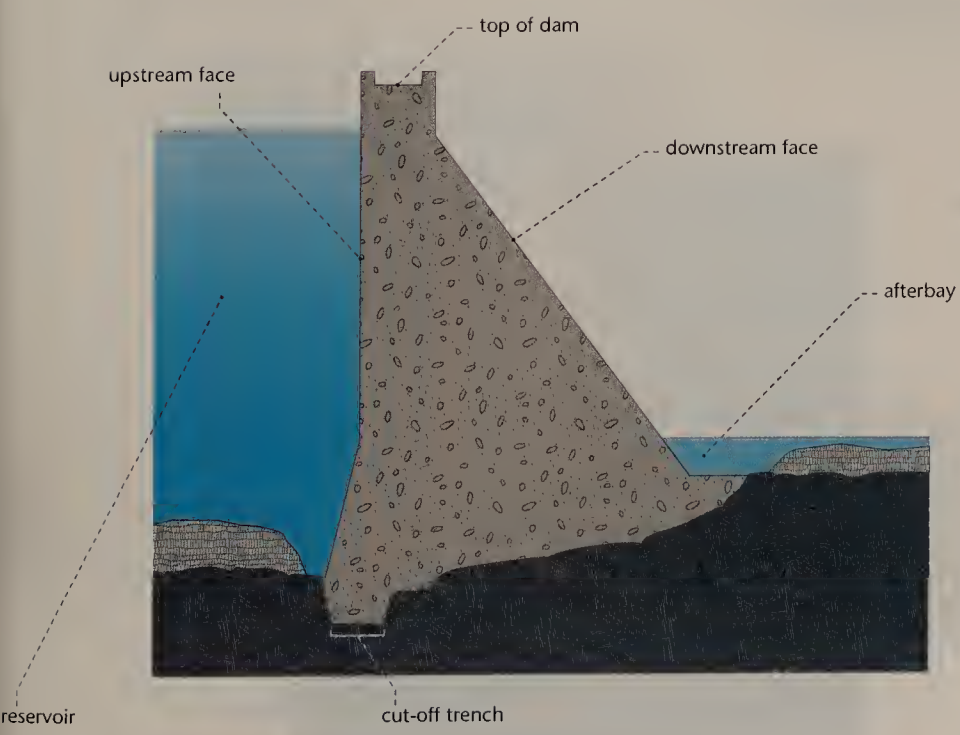


CROSS SECTION OF AN EMBANKMENT DAM

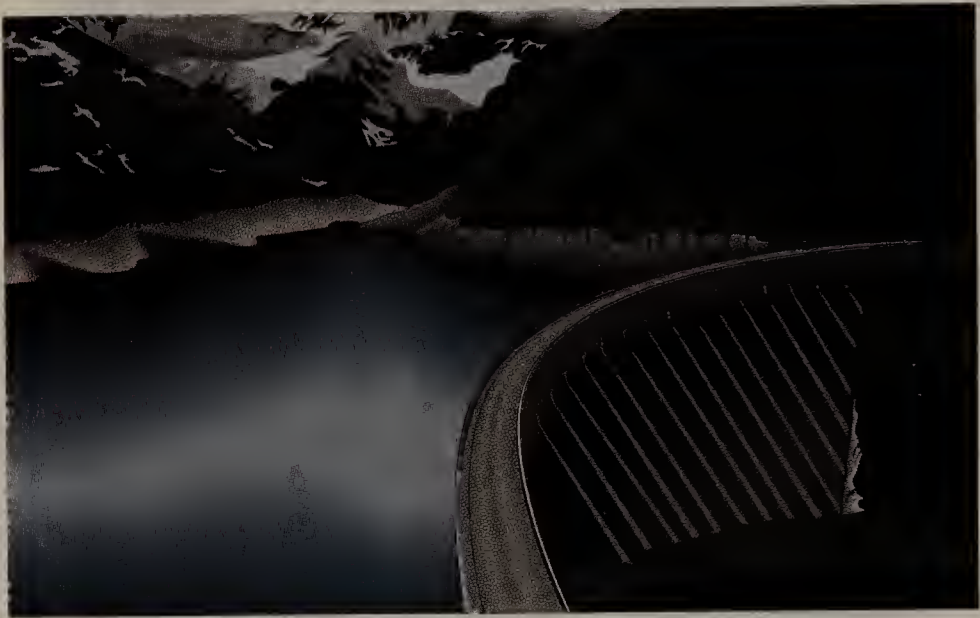




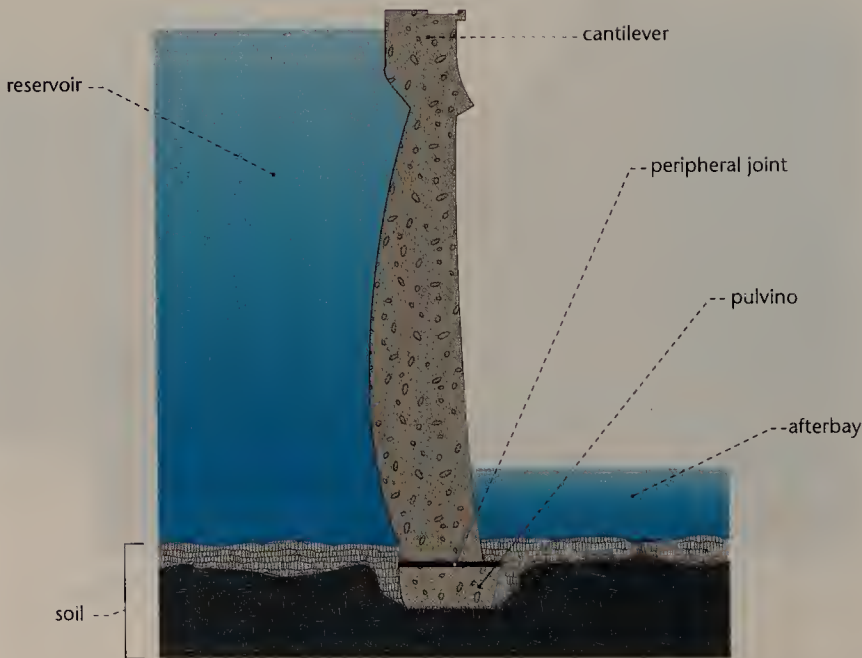
CROSS SECTION OF A GRAVITY DAM



arch dam



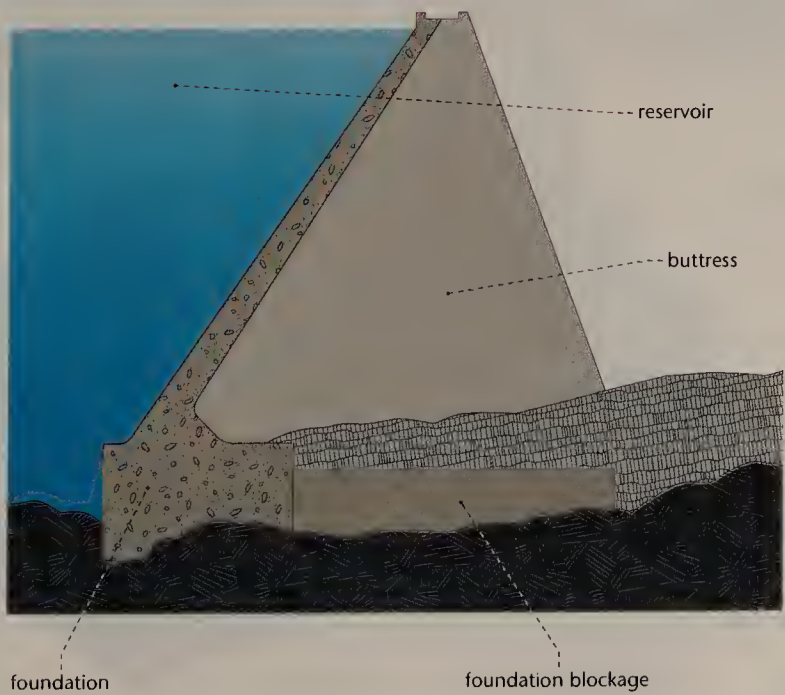
CROSS SECTION OF AN ARCH DAM



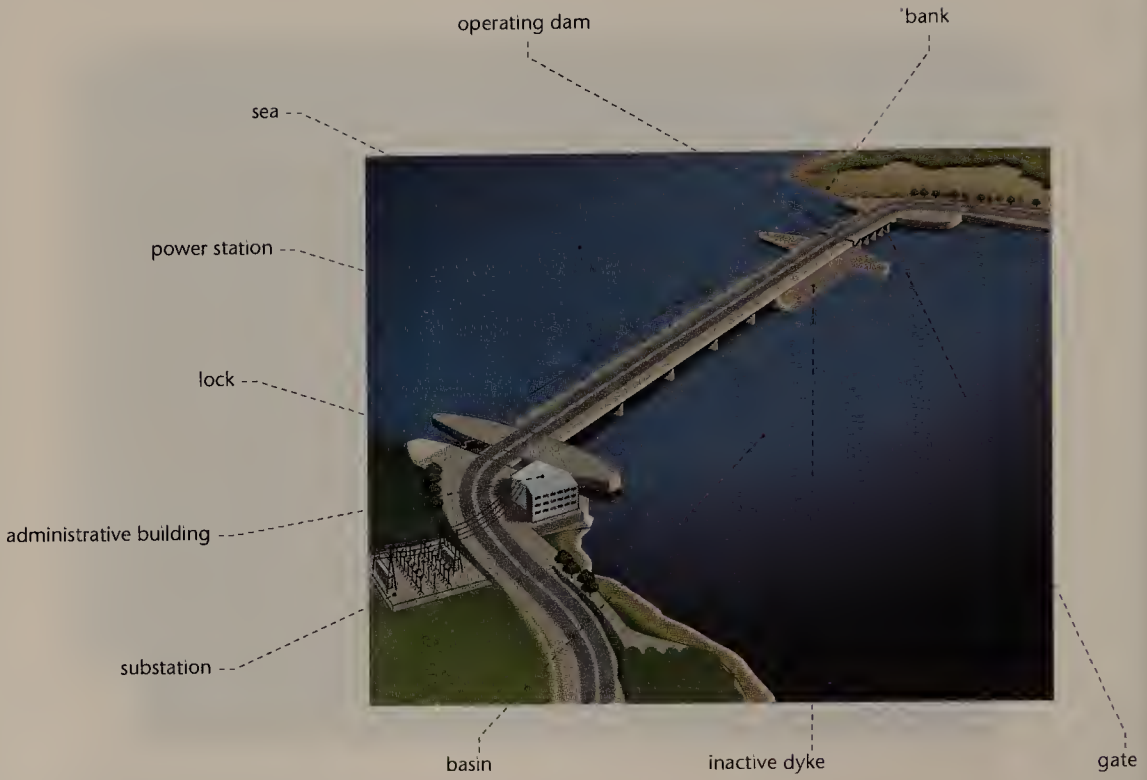
buttress dam



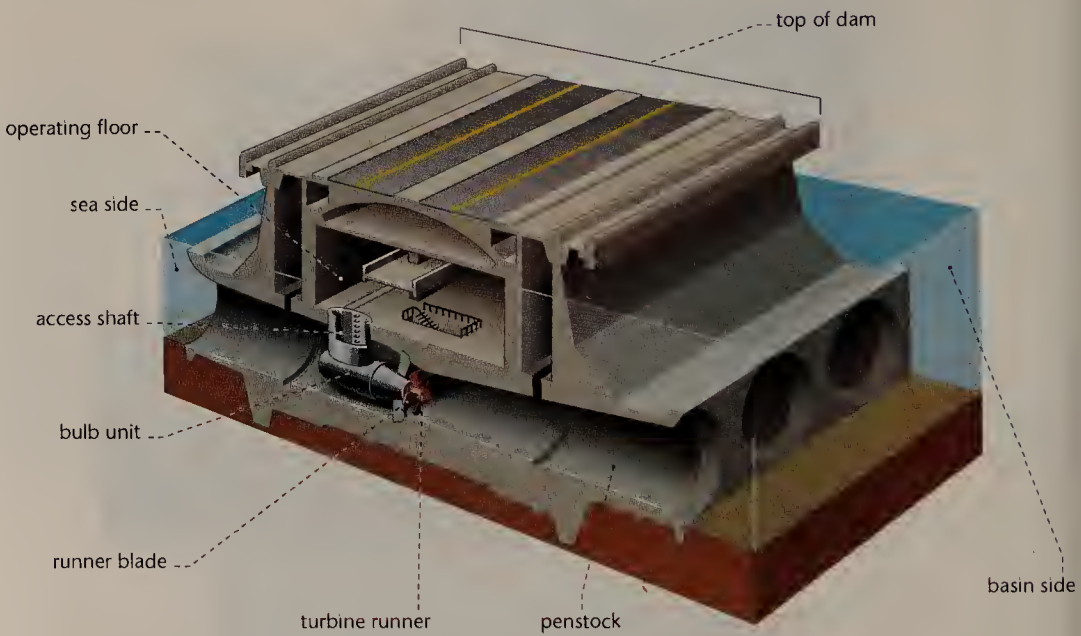
CROSS SECTION OF A BUTTRESS DAM



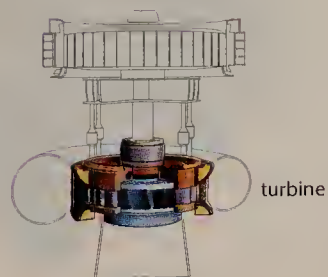
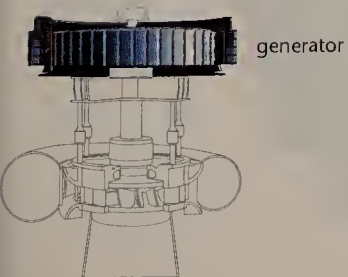
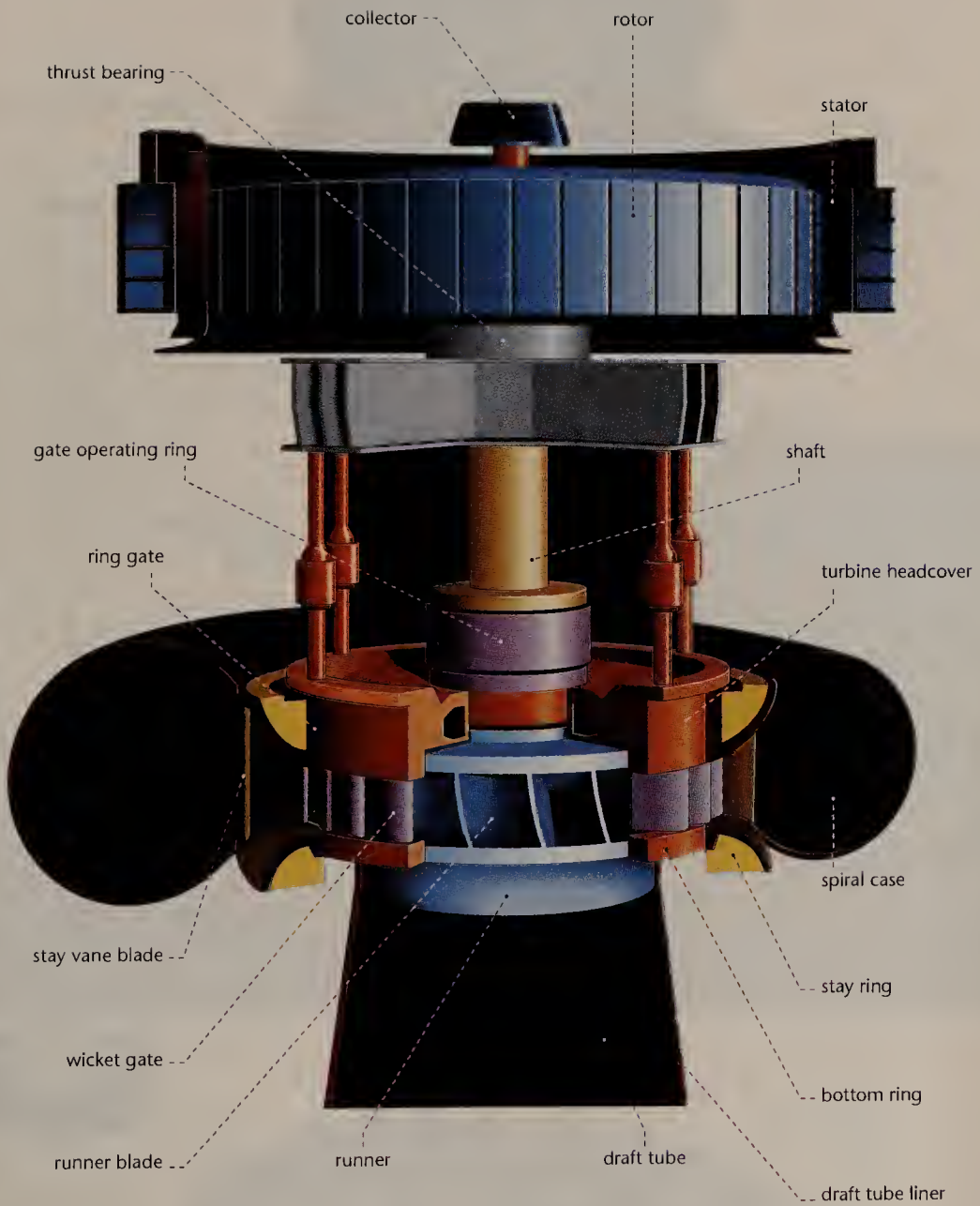
TIDAL POWER PLANT



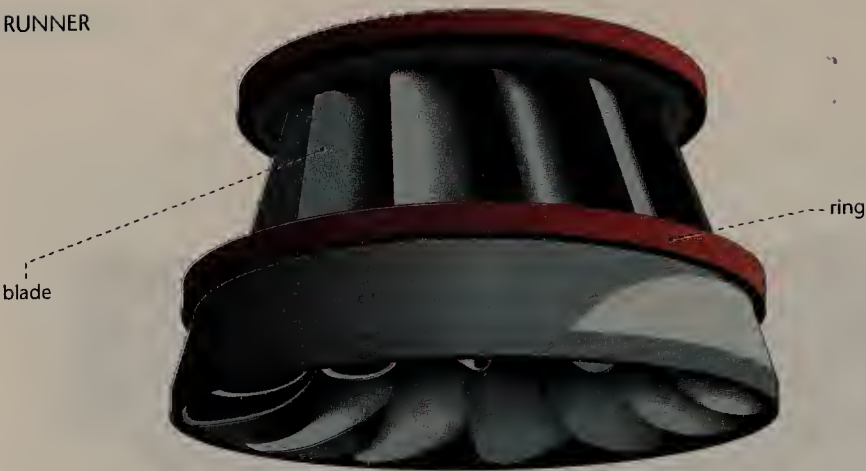
CROSS SECTION OF POWER PLANT



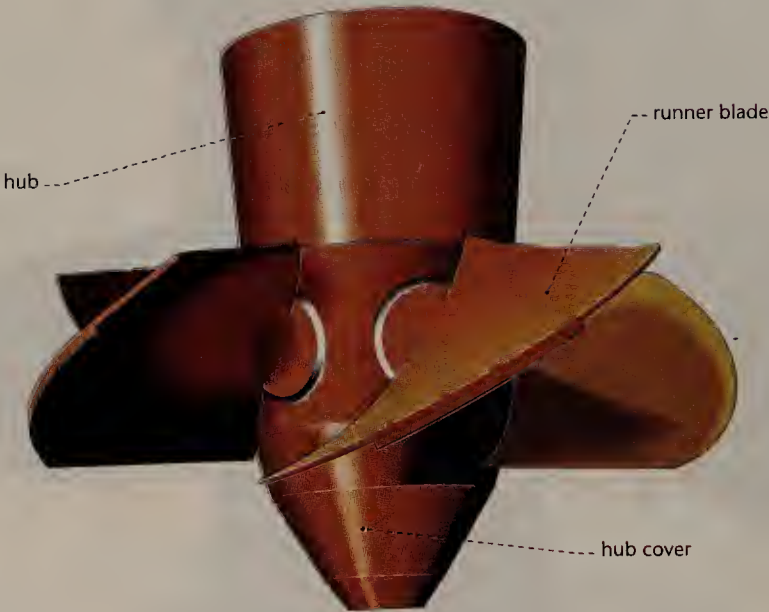
GENERATOR UNIT



FRANCIS RUNNER



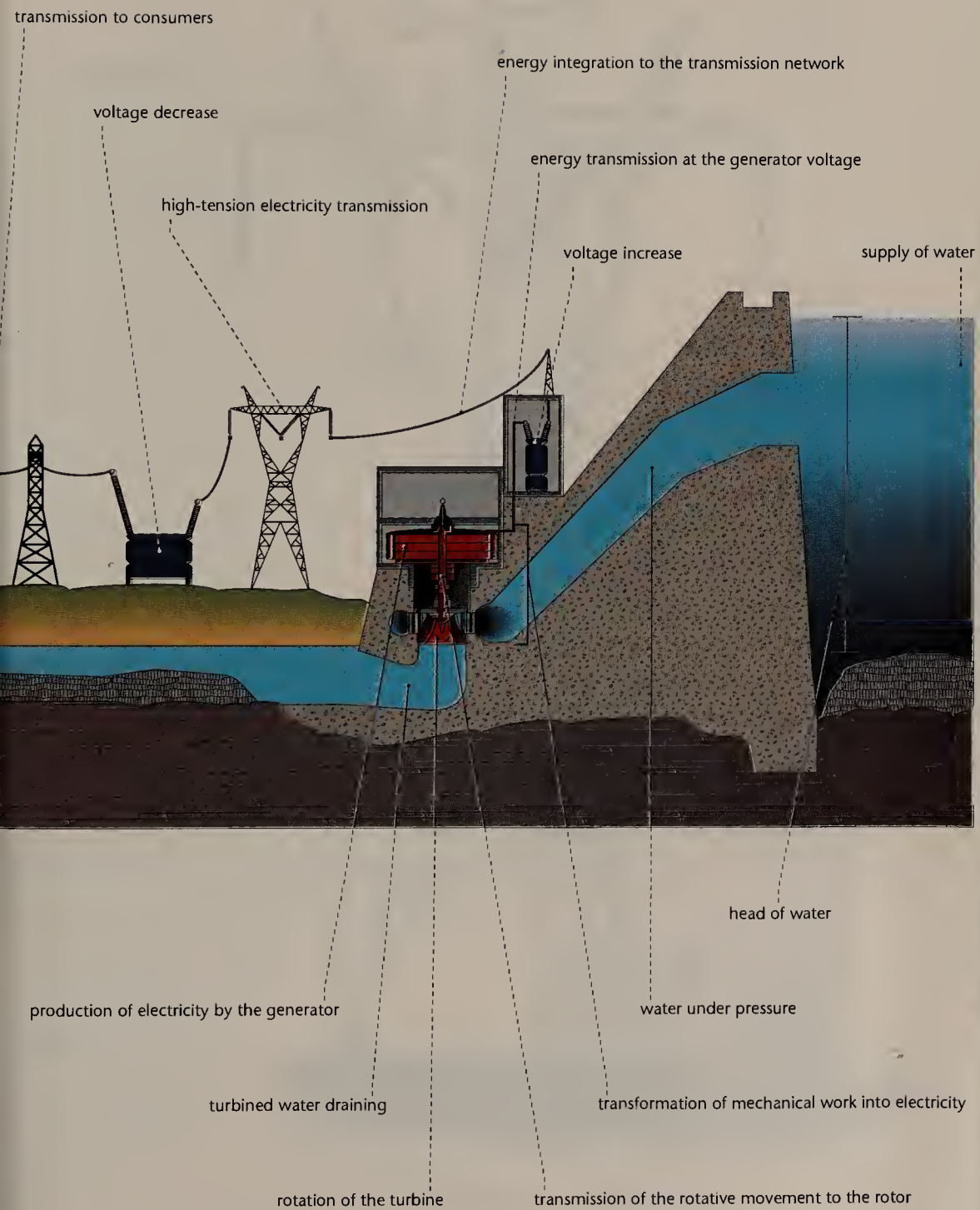
KAPLAN RUNNER



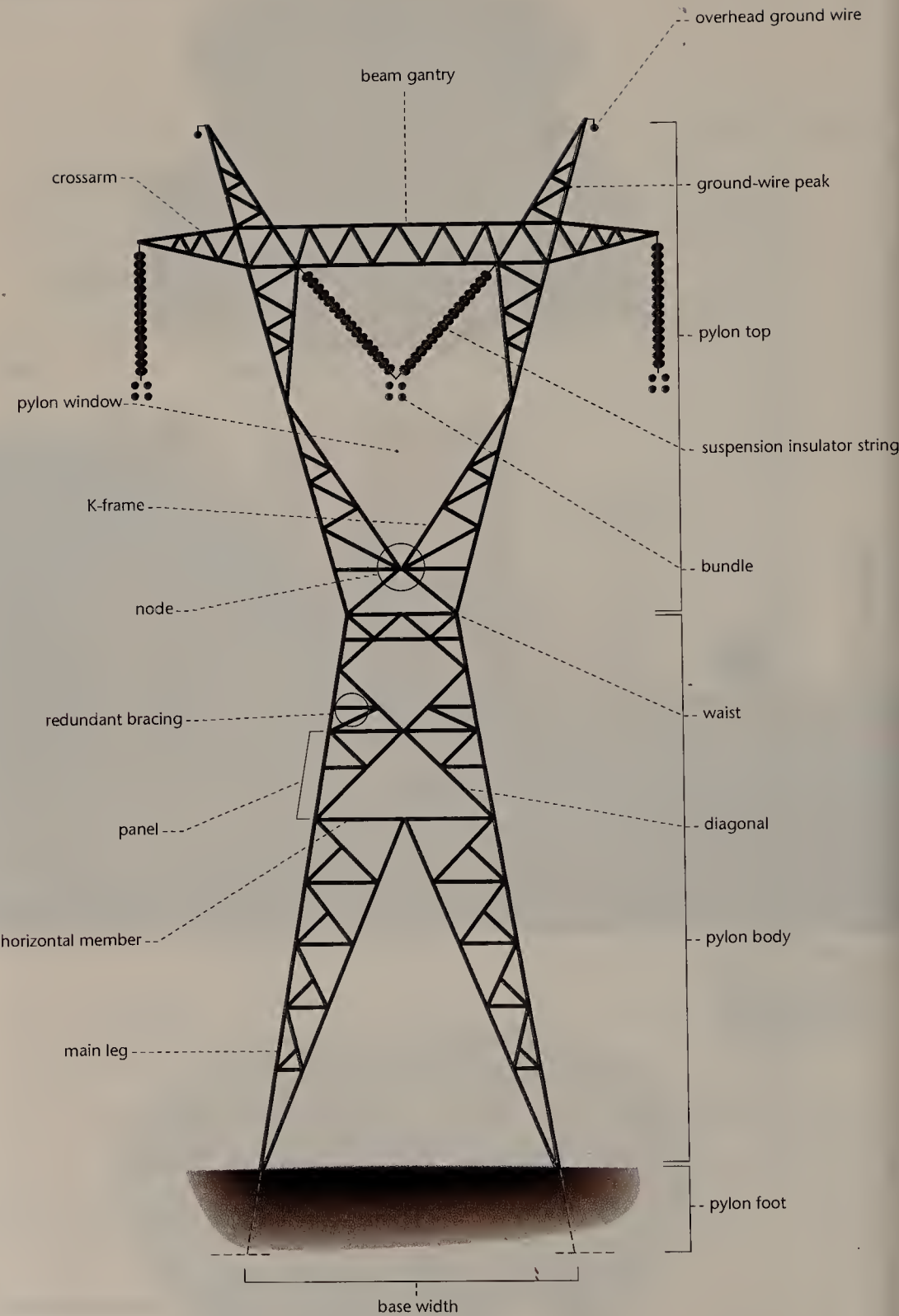
PELTON RUNNER



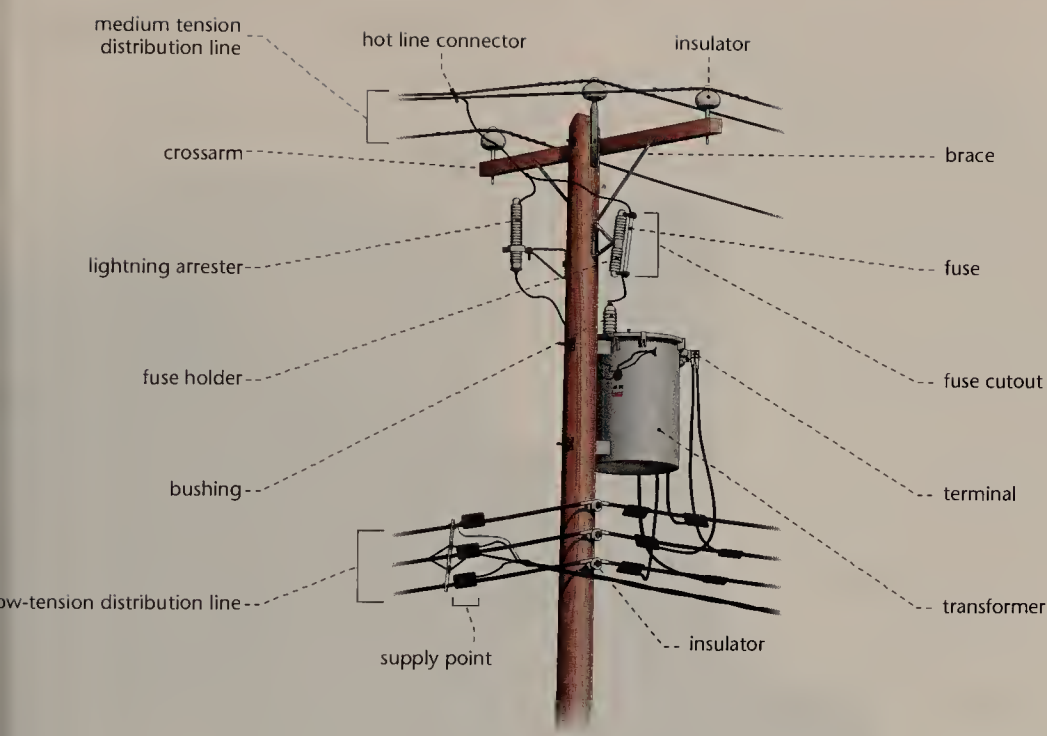
STEPS IN PRODUCTION OF ELECTRICITY



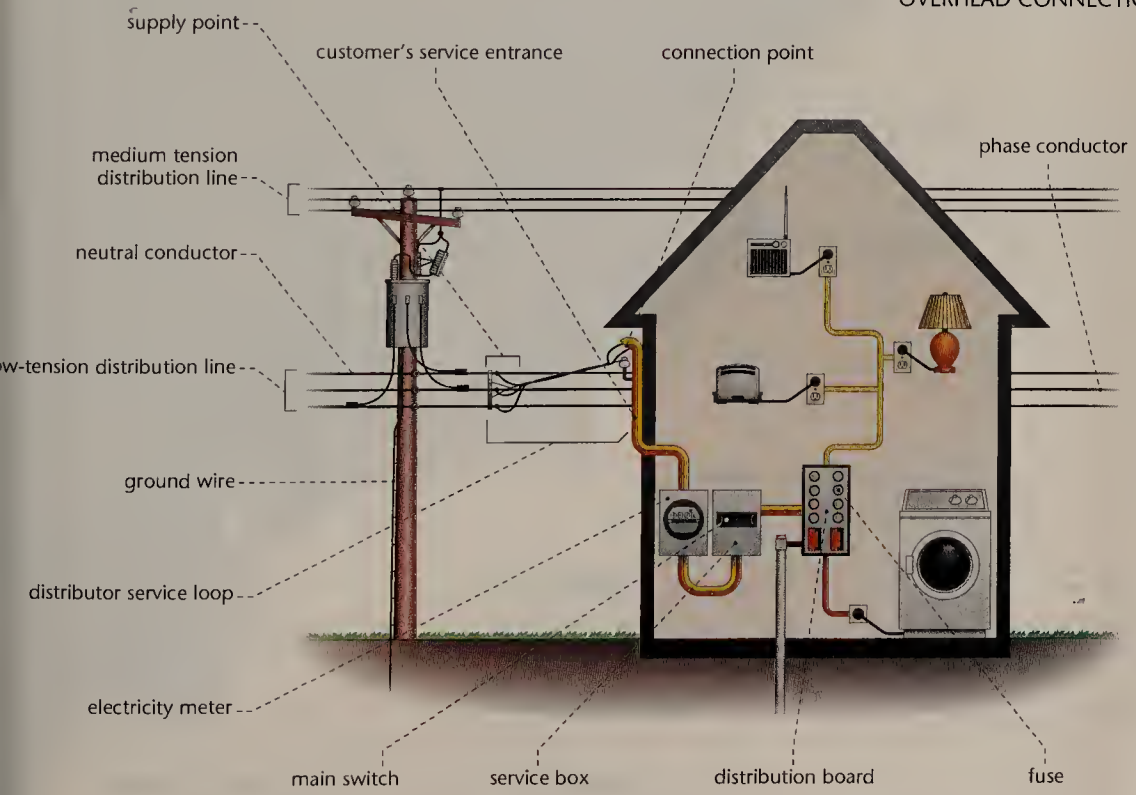
PYLON



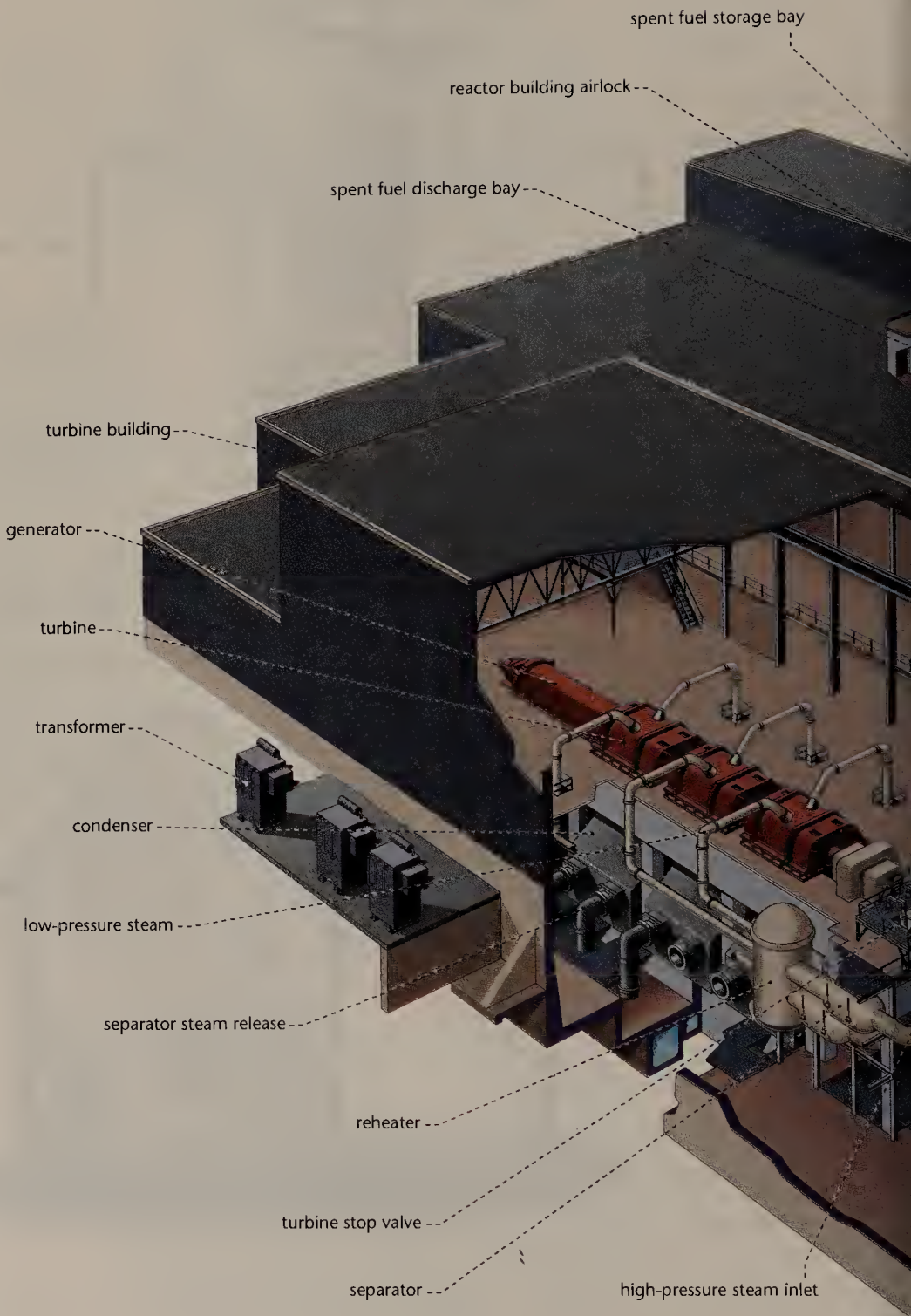
ELECTRICITY TRANSMISSION

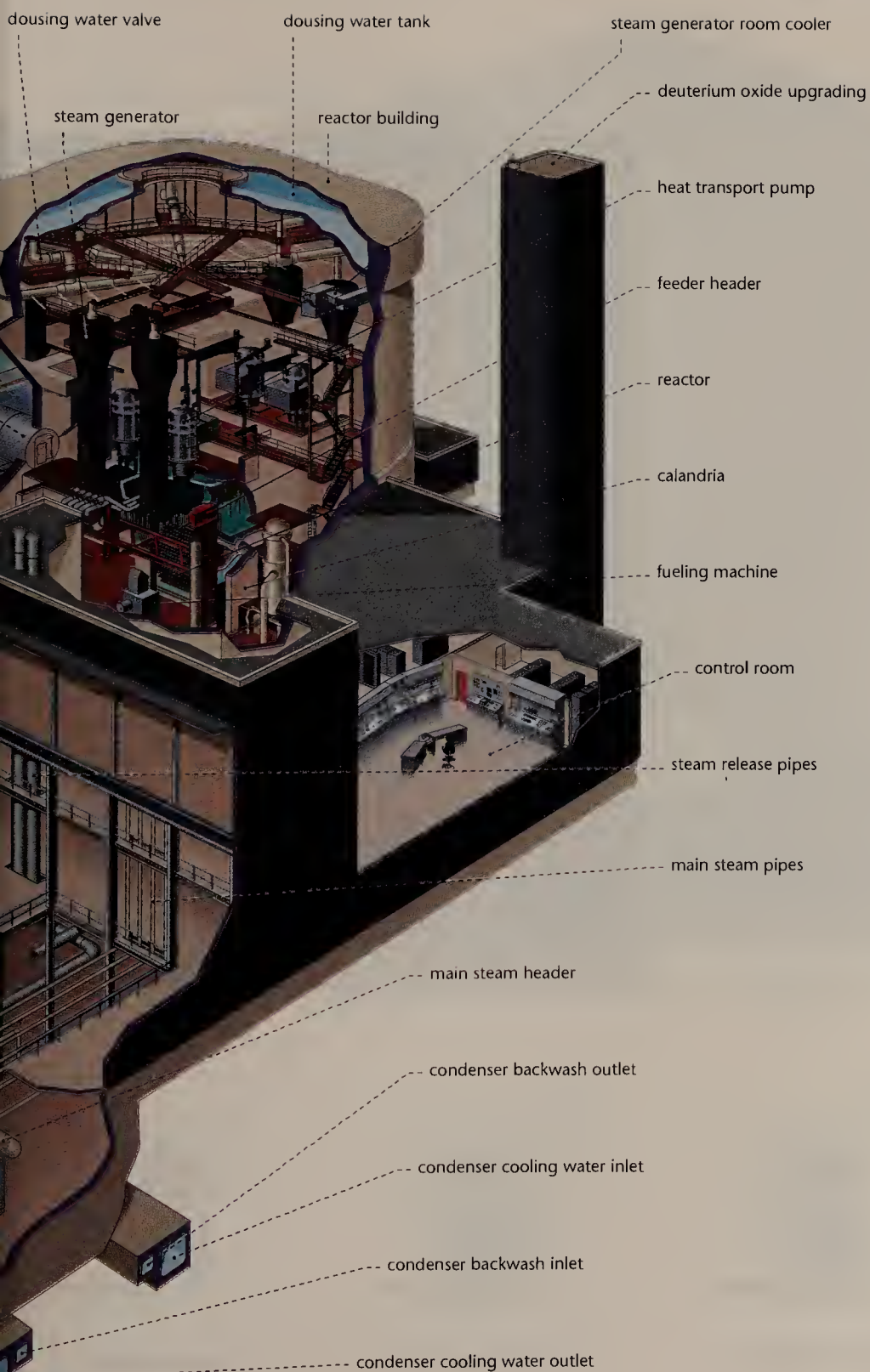


OVERHEAD CONNECTION

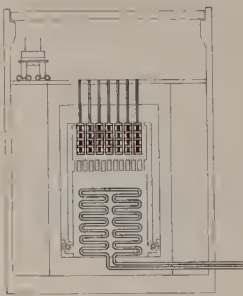
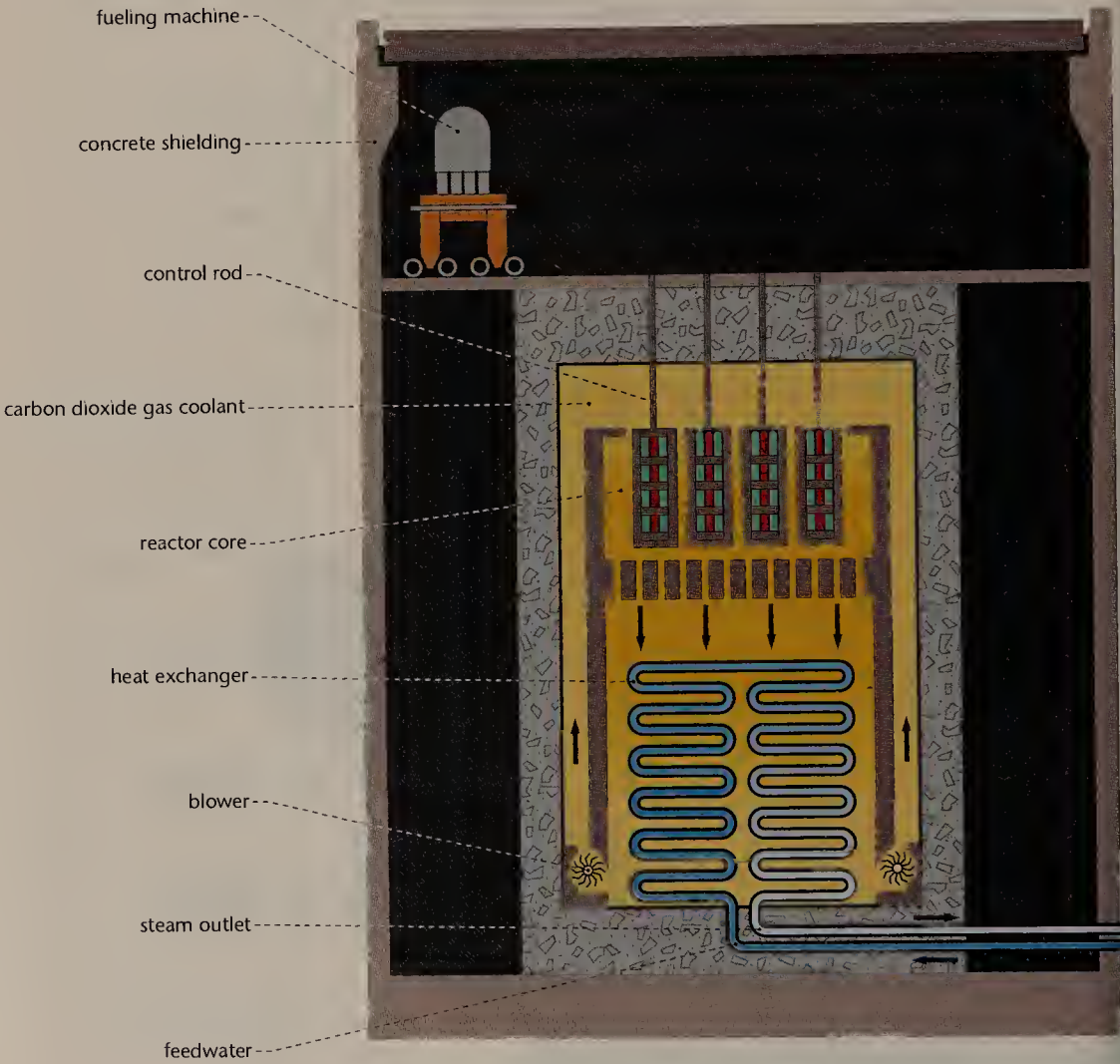


NUCLEAR GENERATING STATION

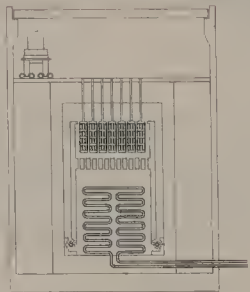




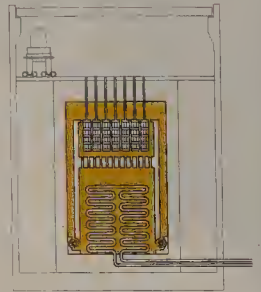
CARBON DIOXIDE REACTOR



fuel: natural uranium

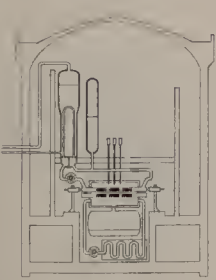
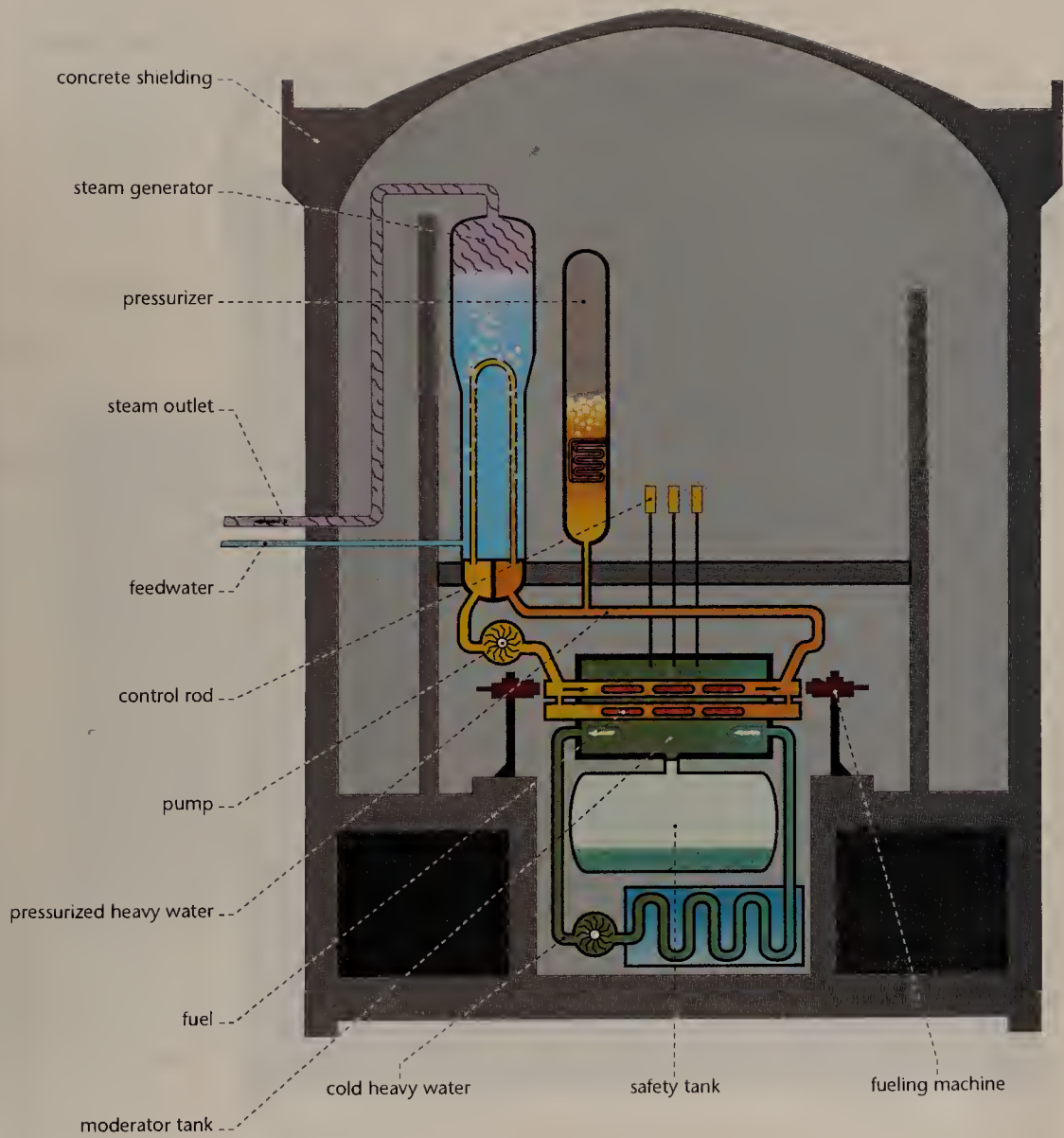


moderator: graphite

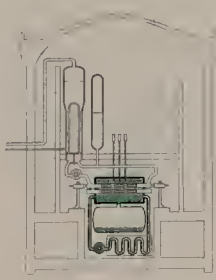


coolant: carbon dioxide

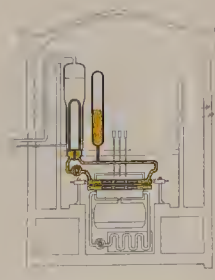
HEAVY-WATER REACTOR



fuel: natural uranium

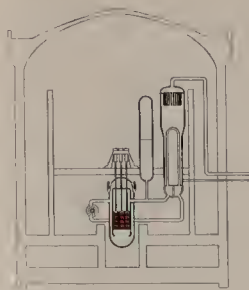
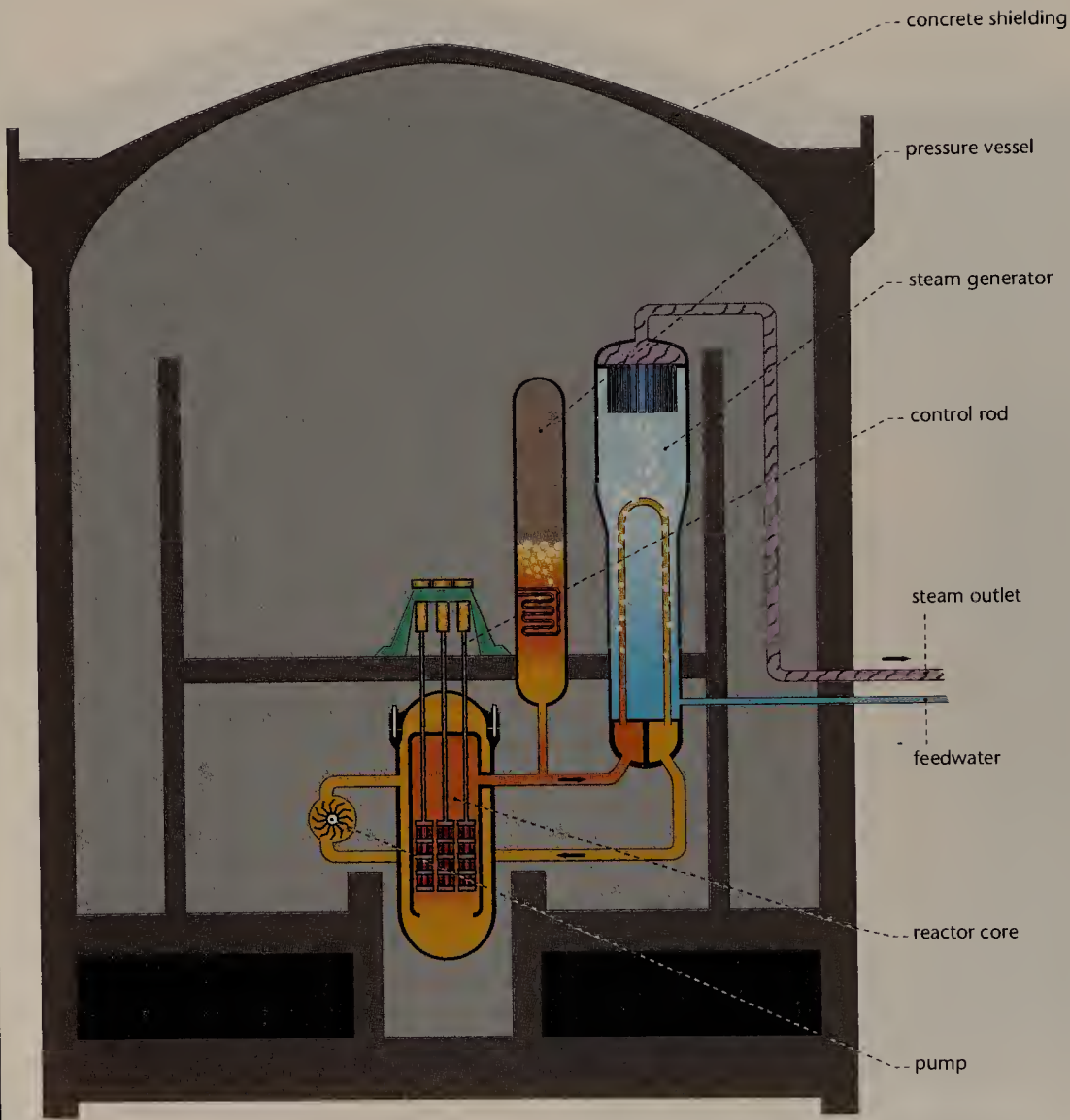


moderator: heavy water

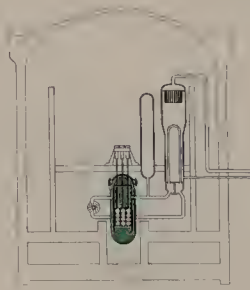


coolant: pressurized heavy water

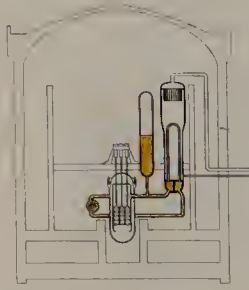
PRESSURIZED-WATER REACTOR



fuel: enriched uranium

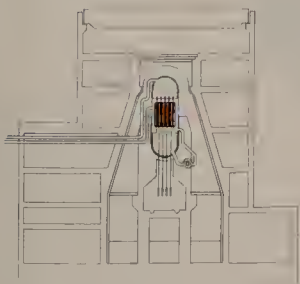
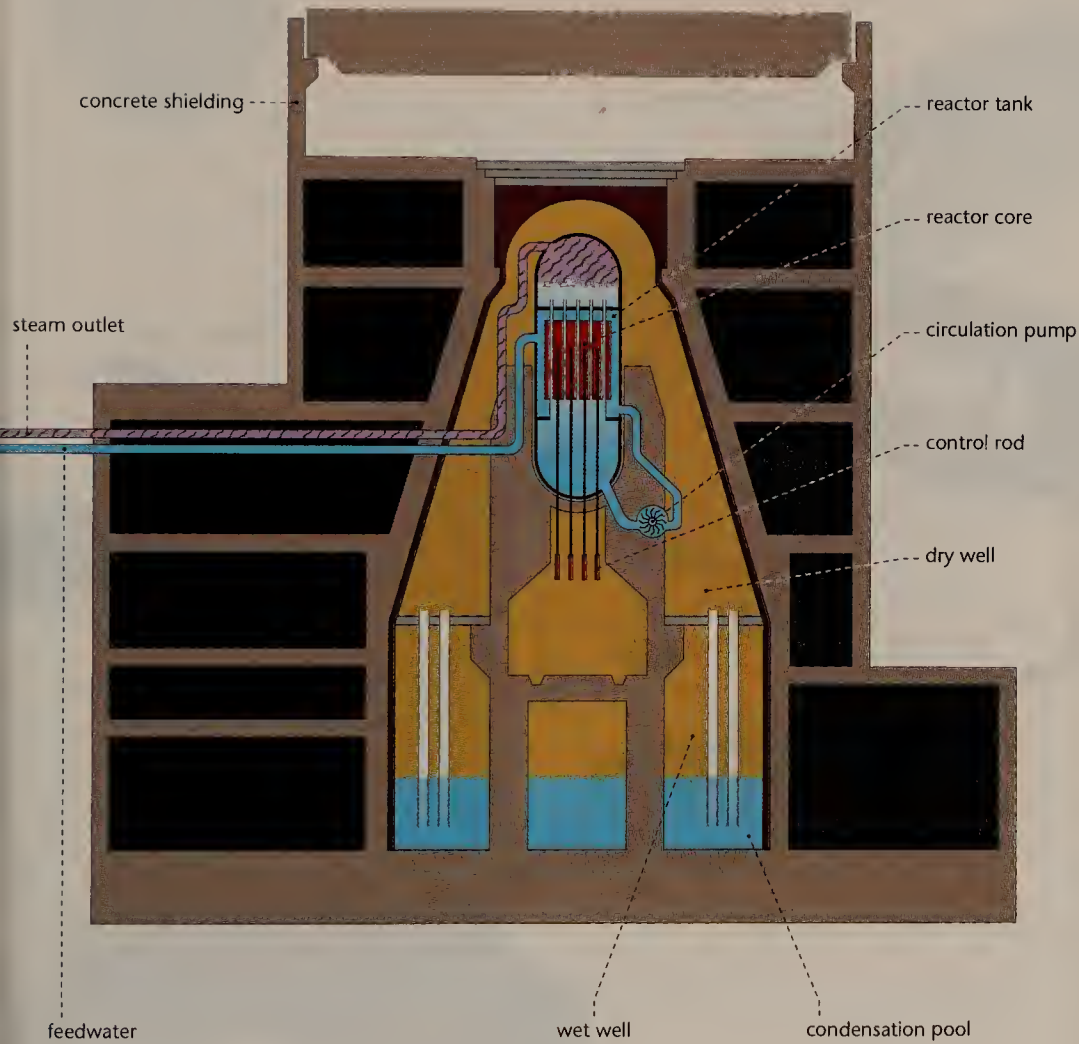


moderator: natural water

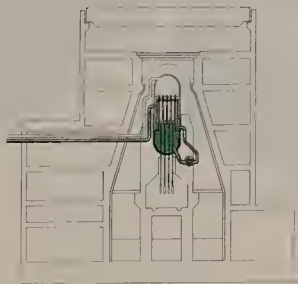


coolant: pressurized water

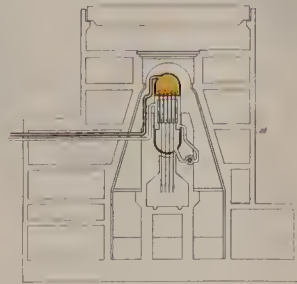
BOILING-WATER REACTOR



fuel: enriched uranium

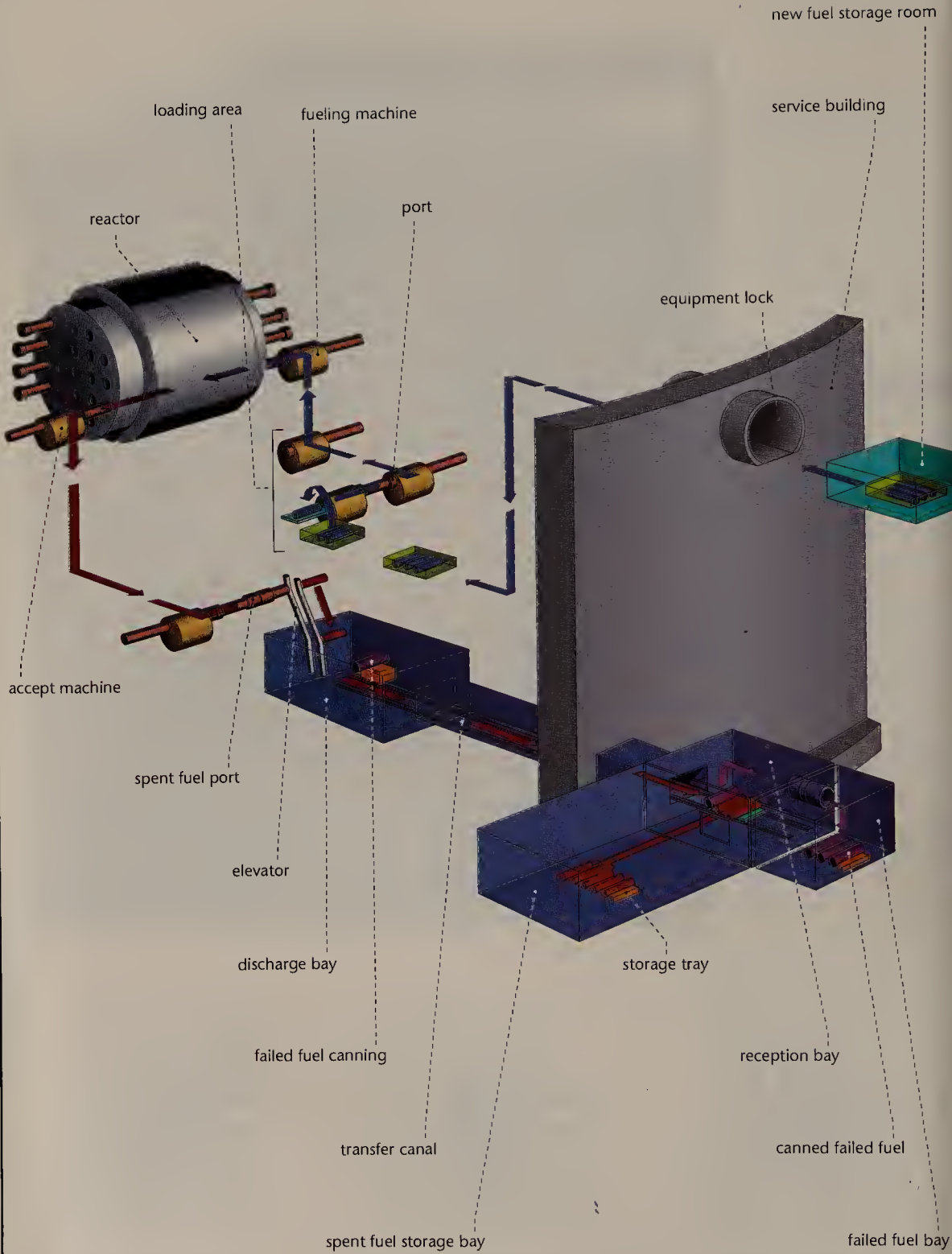


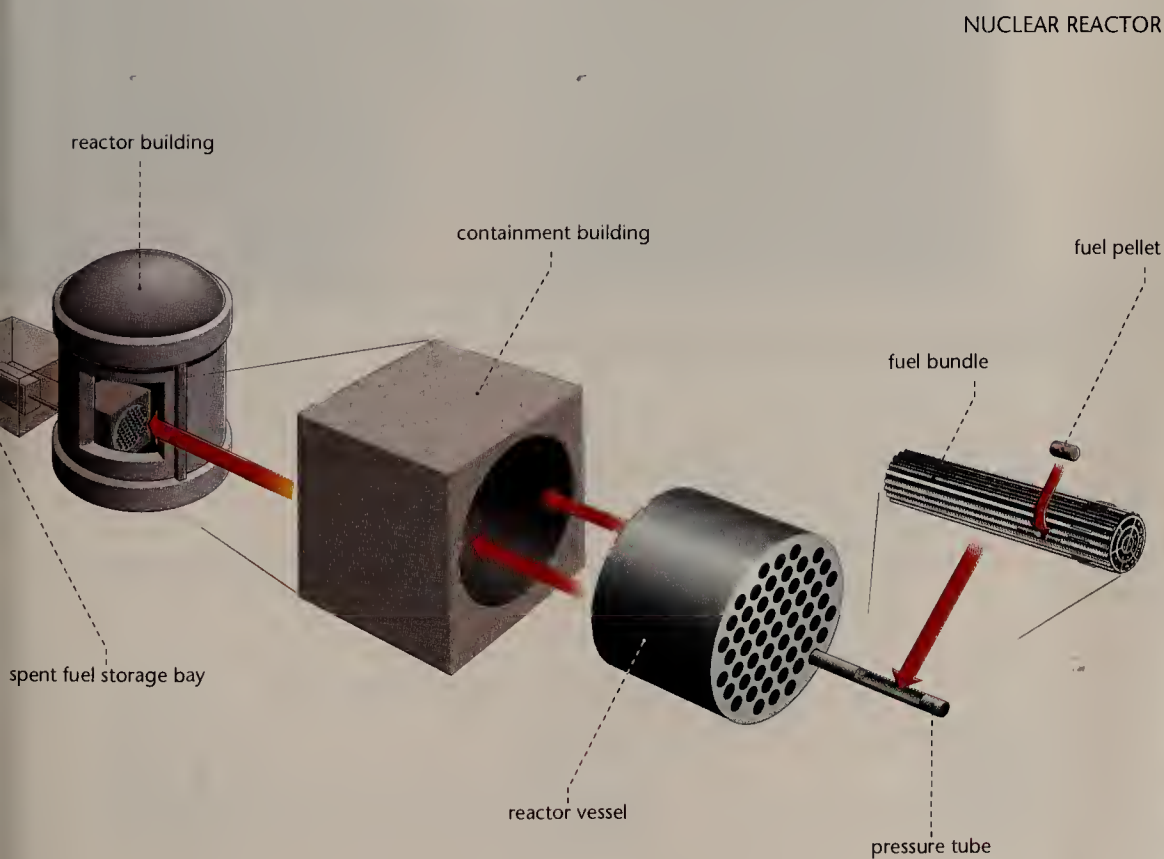
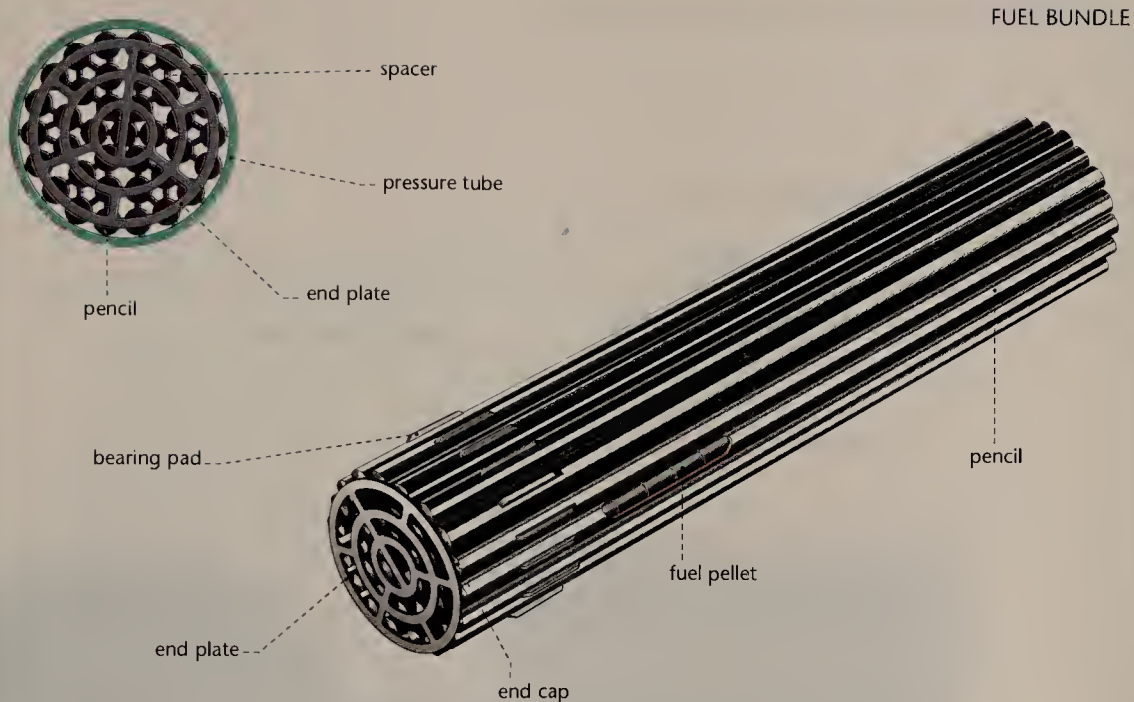
moderator: natural water



coolant: boiling water

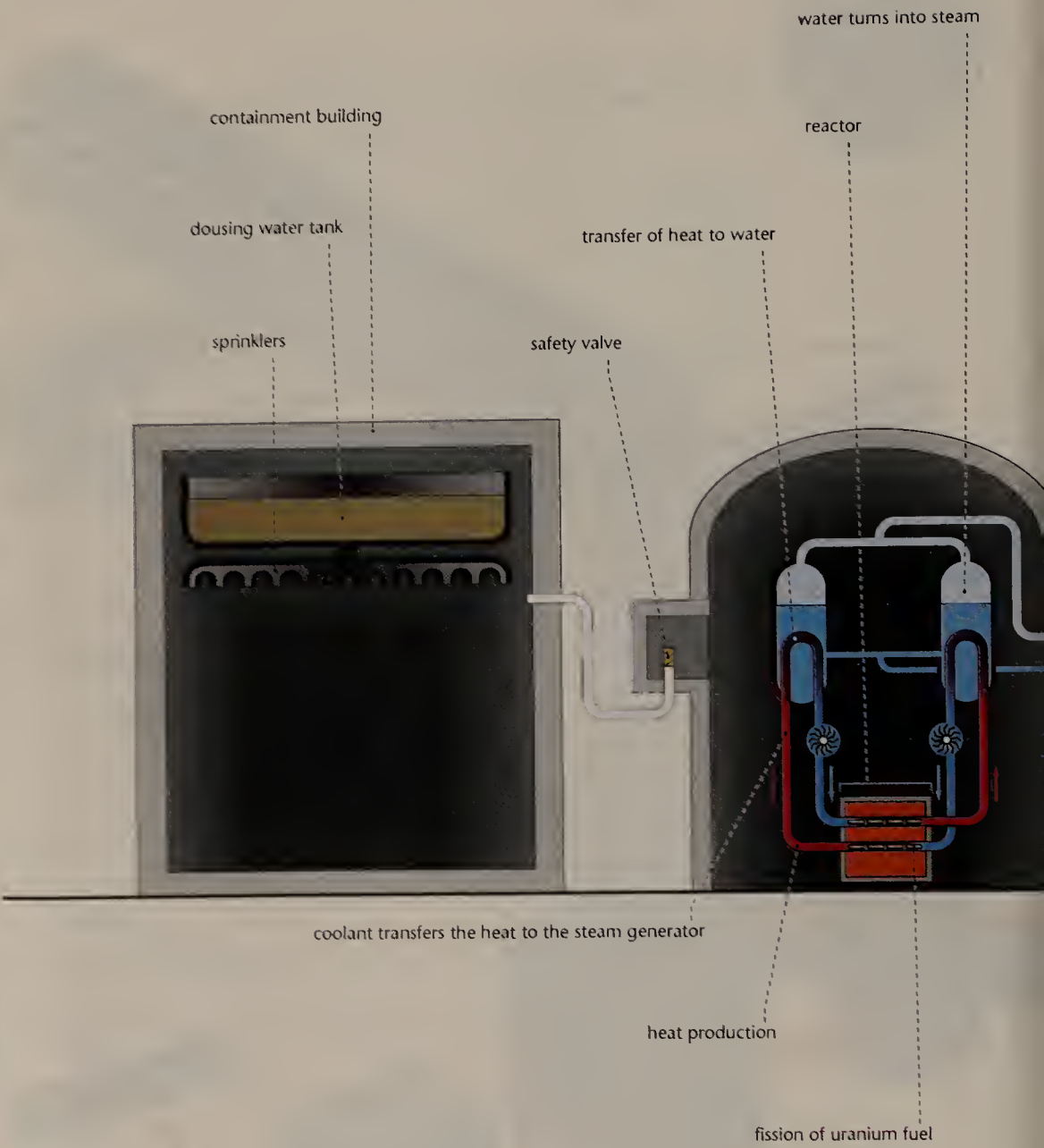
FUEL HANDLING SEQUENCE





NUCLEAR ENERGY

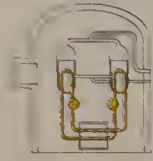
PRODUCTION OF ELECTRICITY FROM NUCLEAR ENERGY



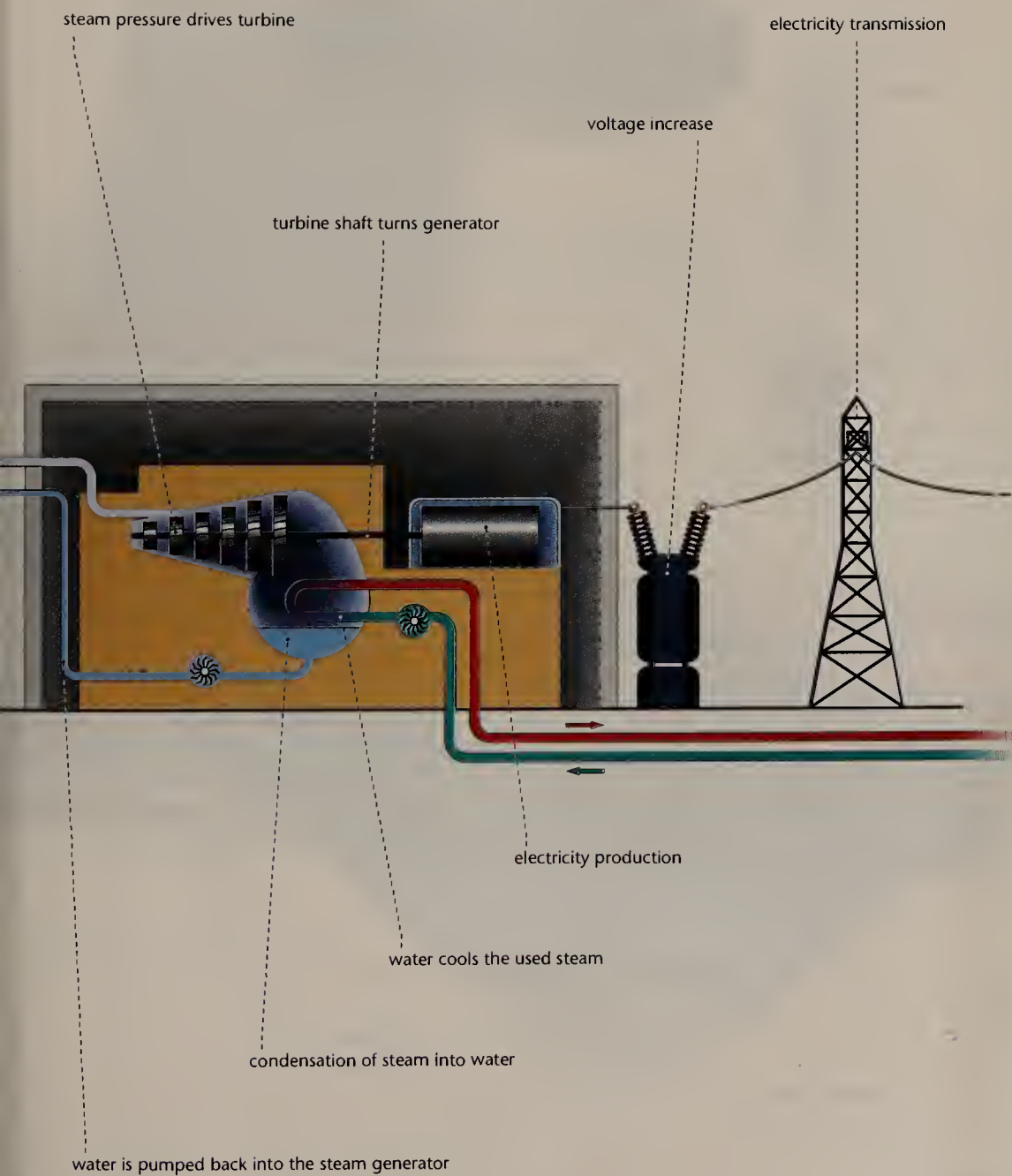
fuel



moderator

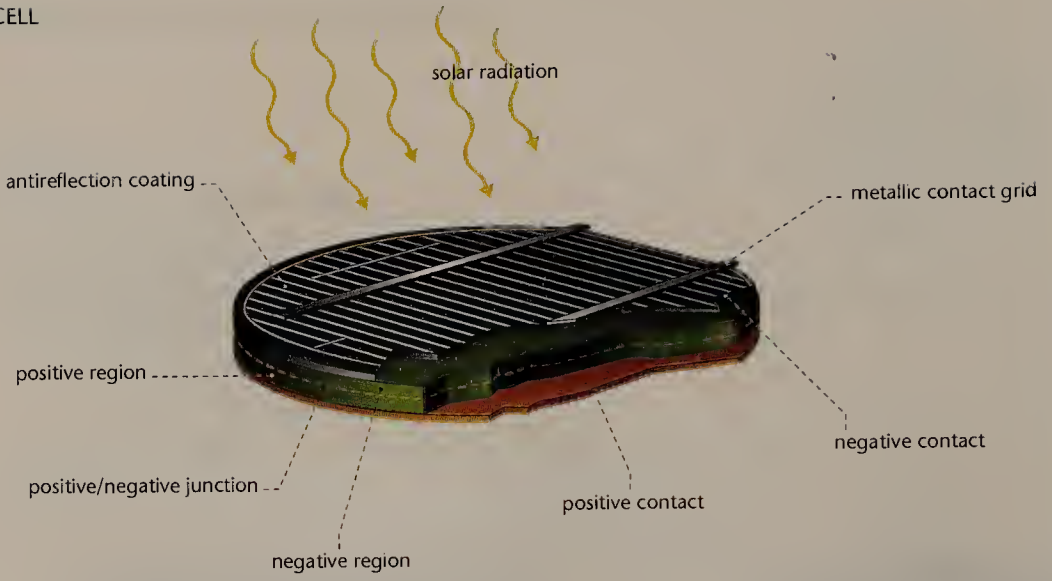


coolant

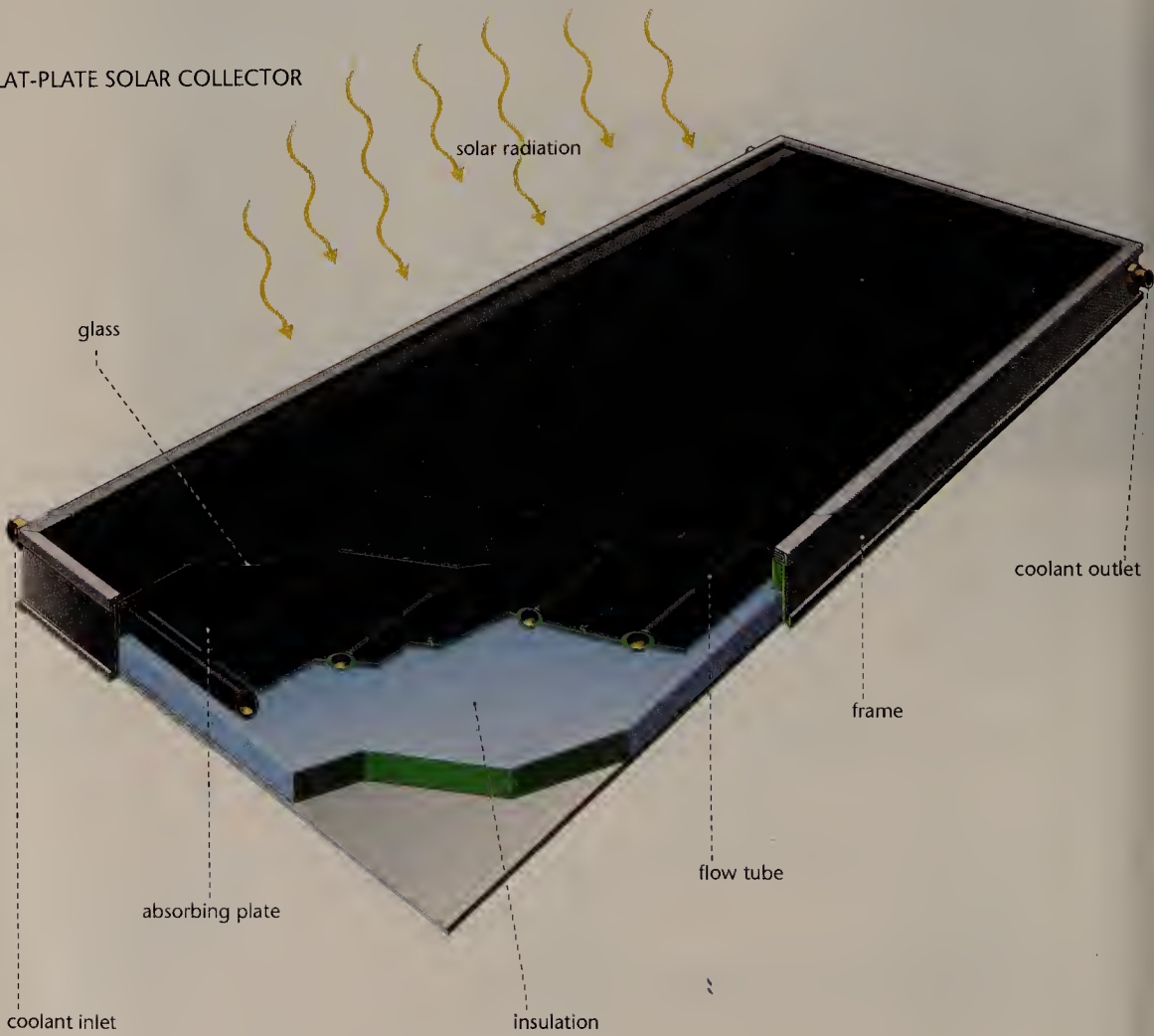


SOLAR ENERGY

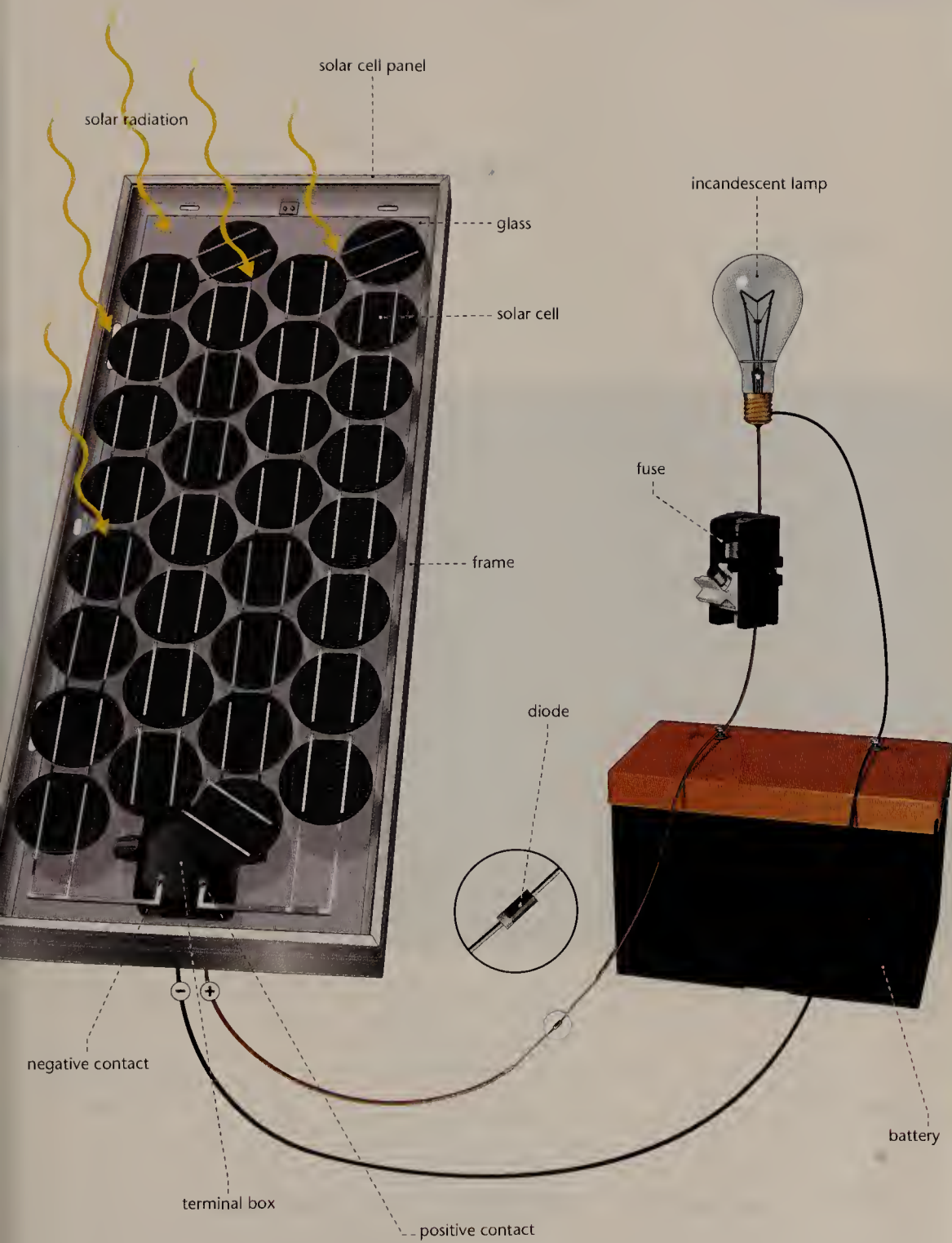
SOLAR CELL



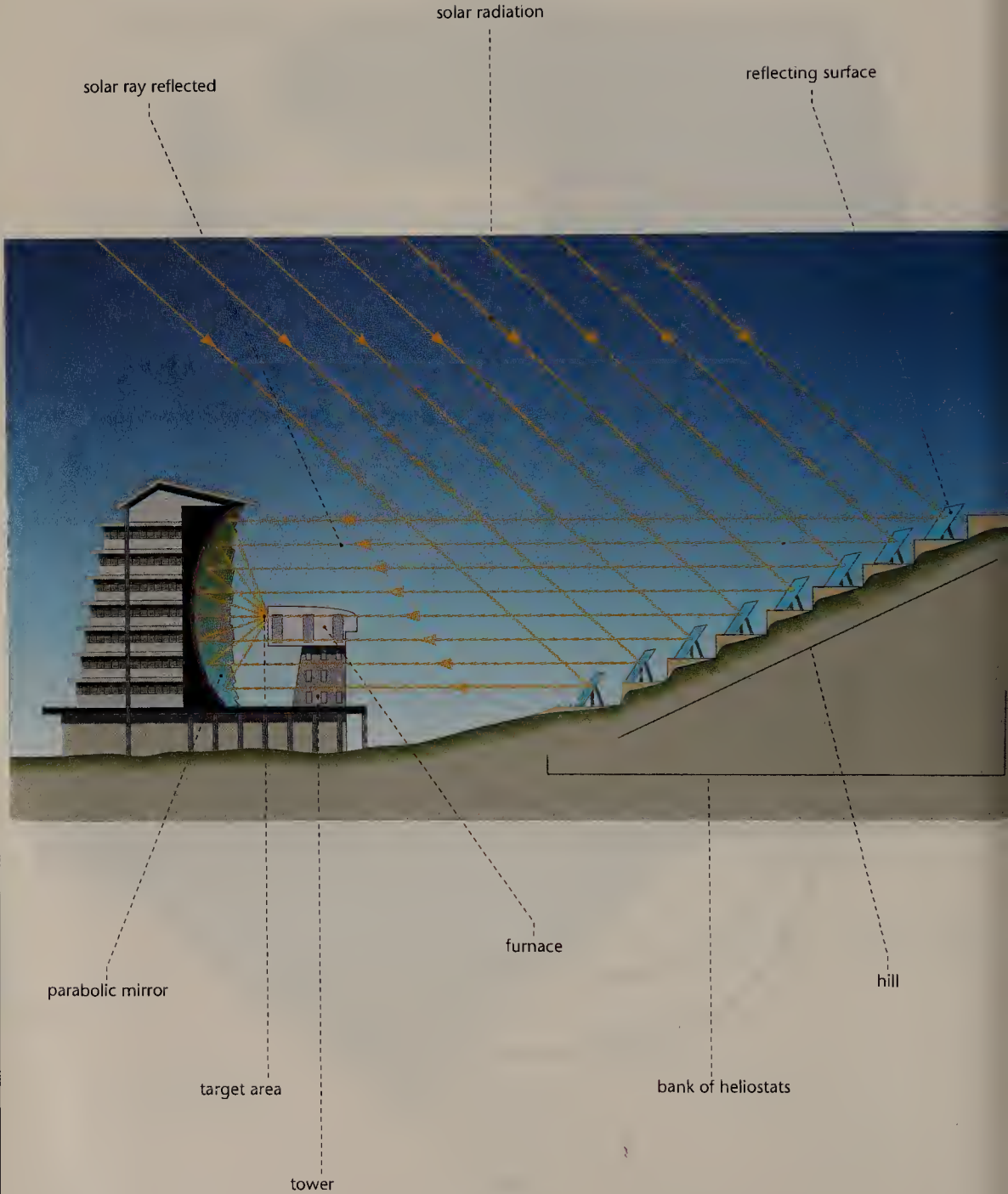
FLAT-PLATE SOLAR COLLECTOR



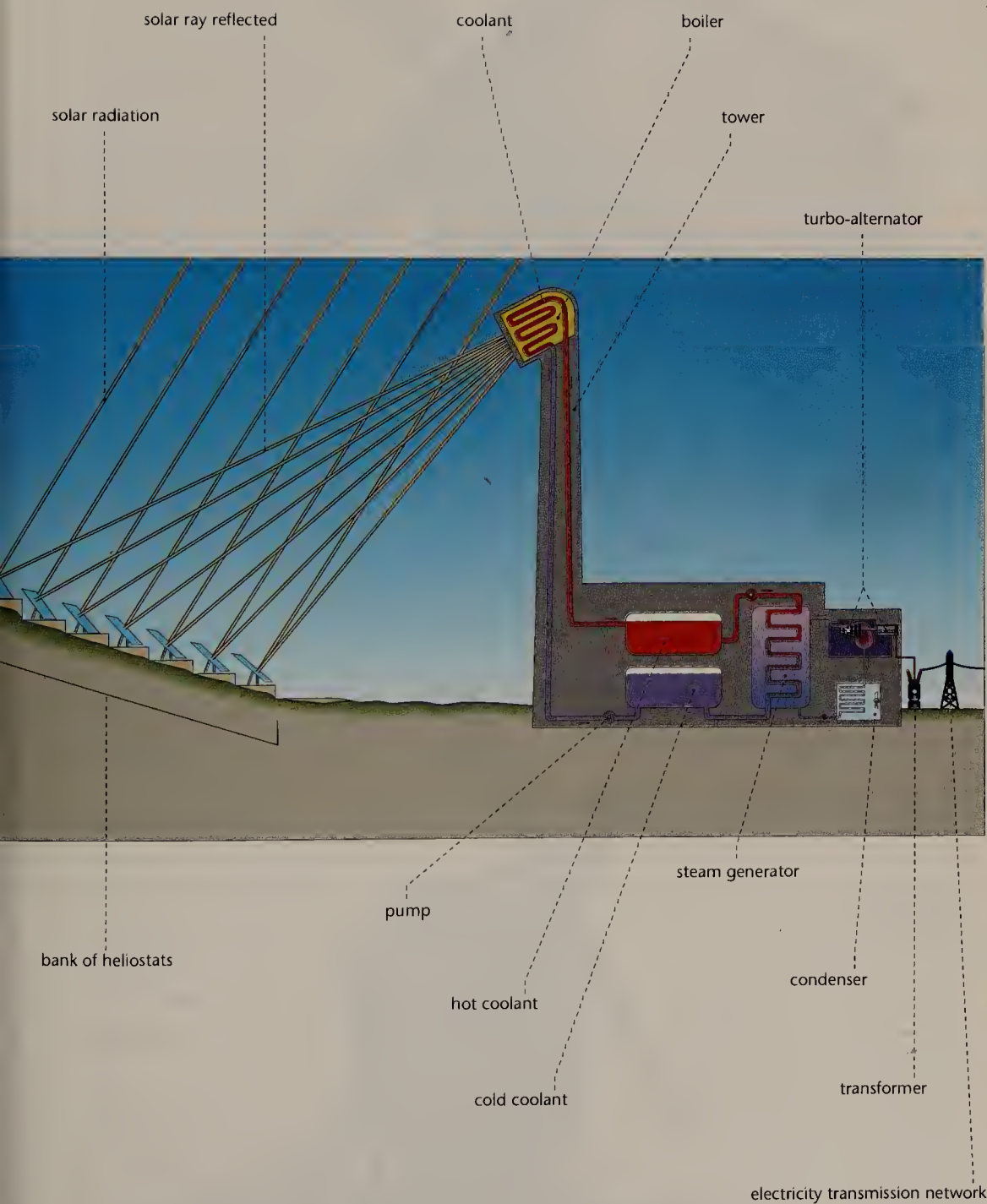
SOLAR-CELL SYSTEM



SOLAR FURNACE

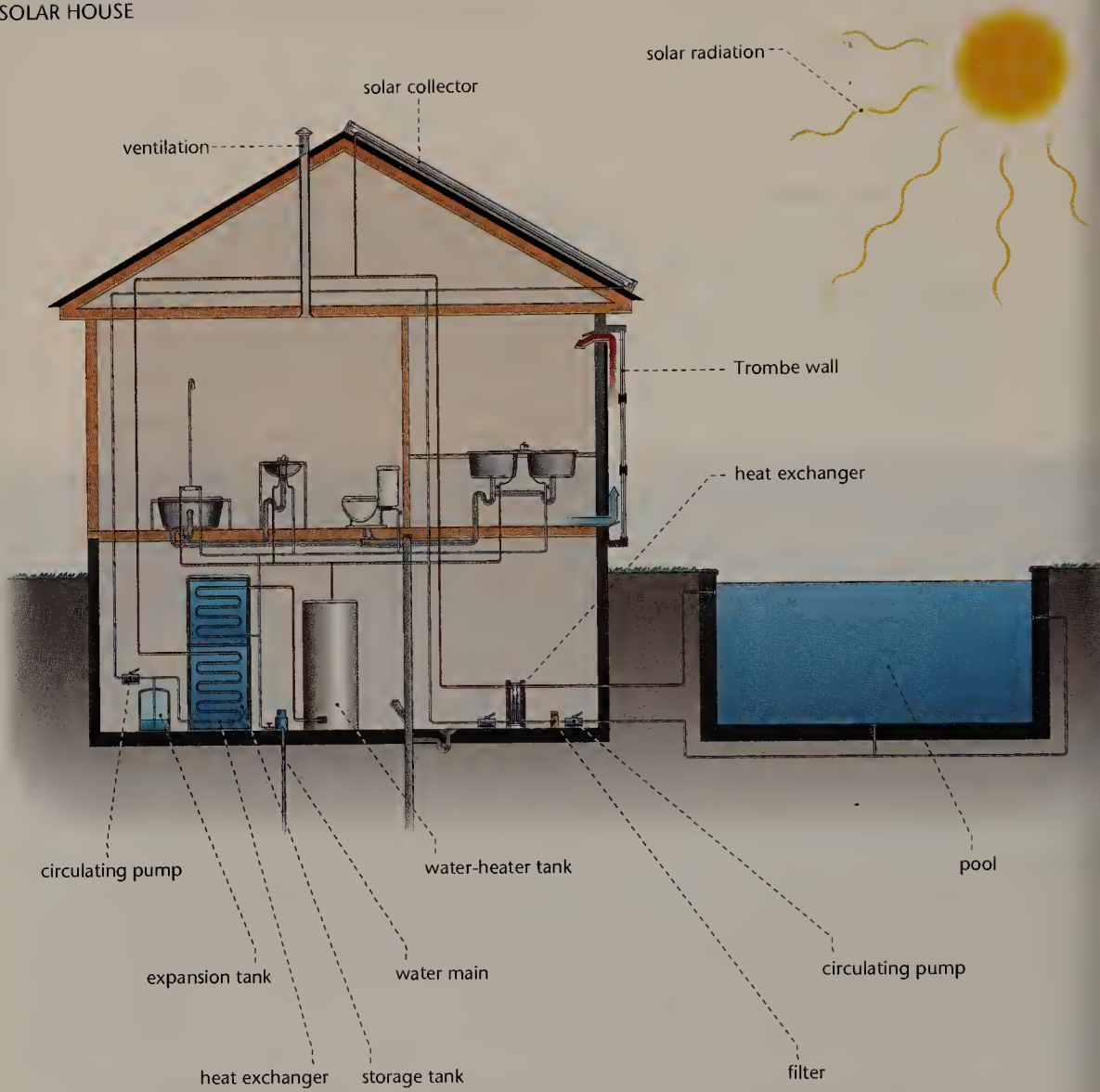


PRODUCTION OF ELECTRICITY FROM SOLAR ENERGY

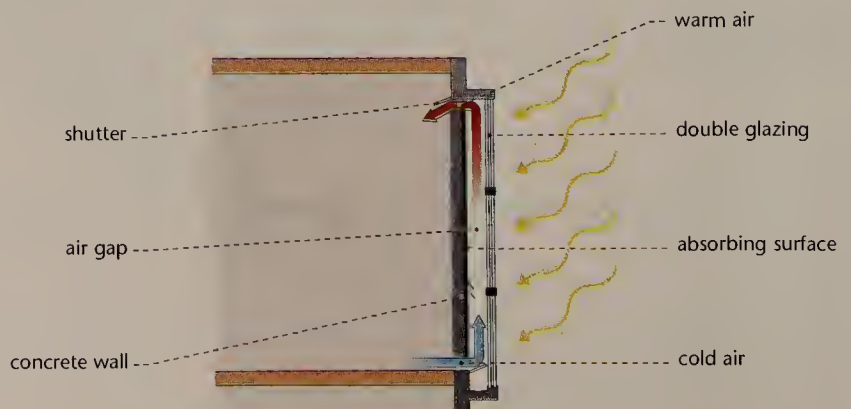


SOLAR ENERGY

SOLAR HOUSE



TROMBE WALL



WINDMILL

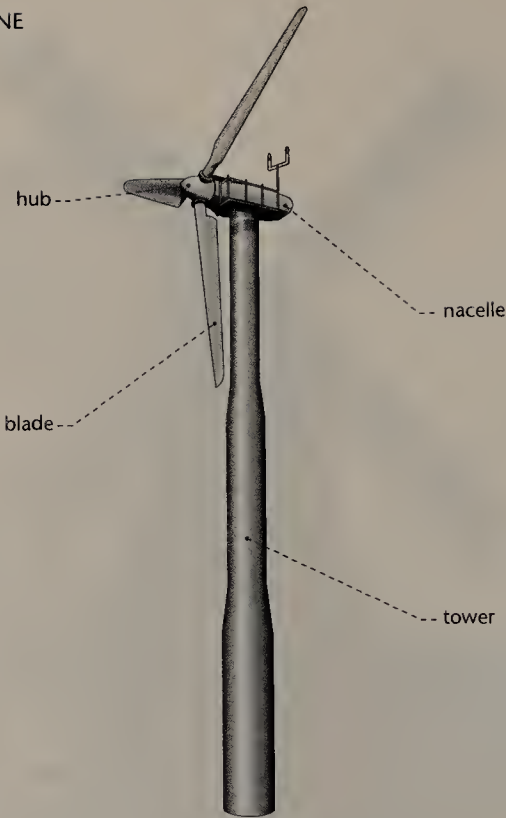


POST MILL

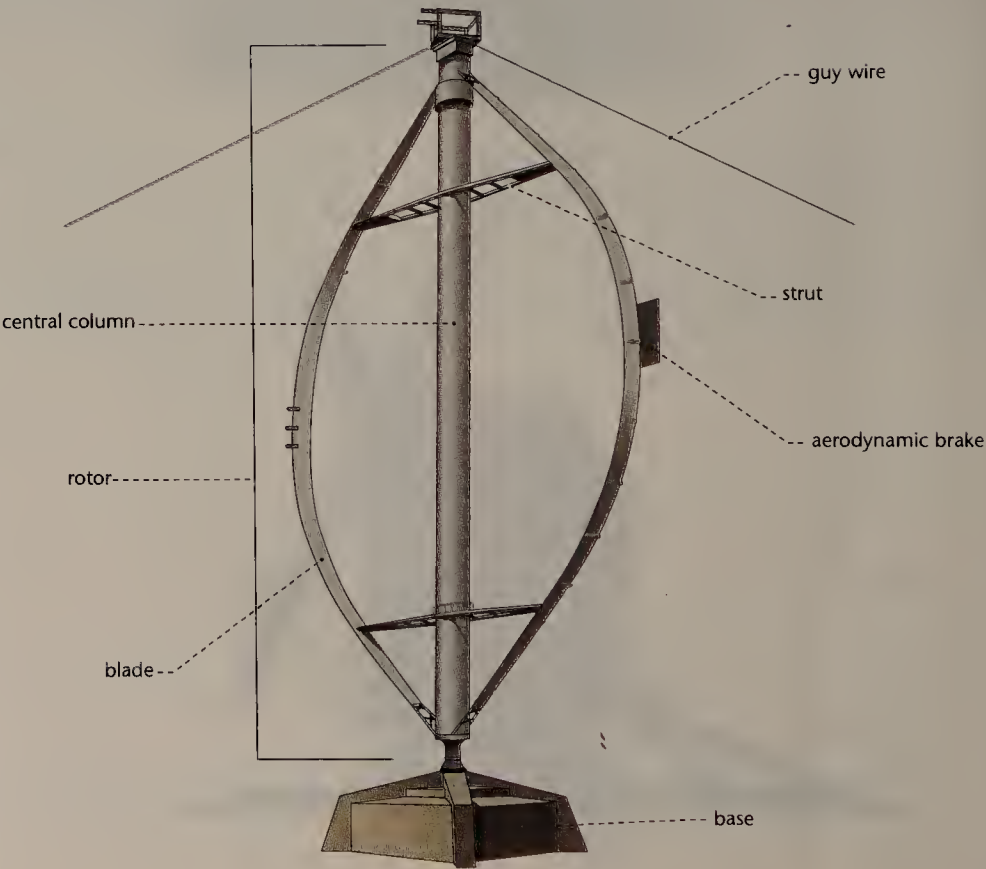


WIND ENERGY

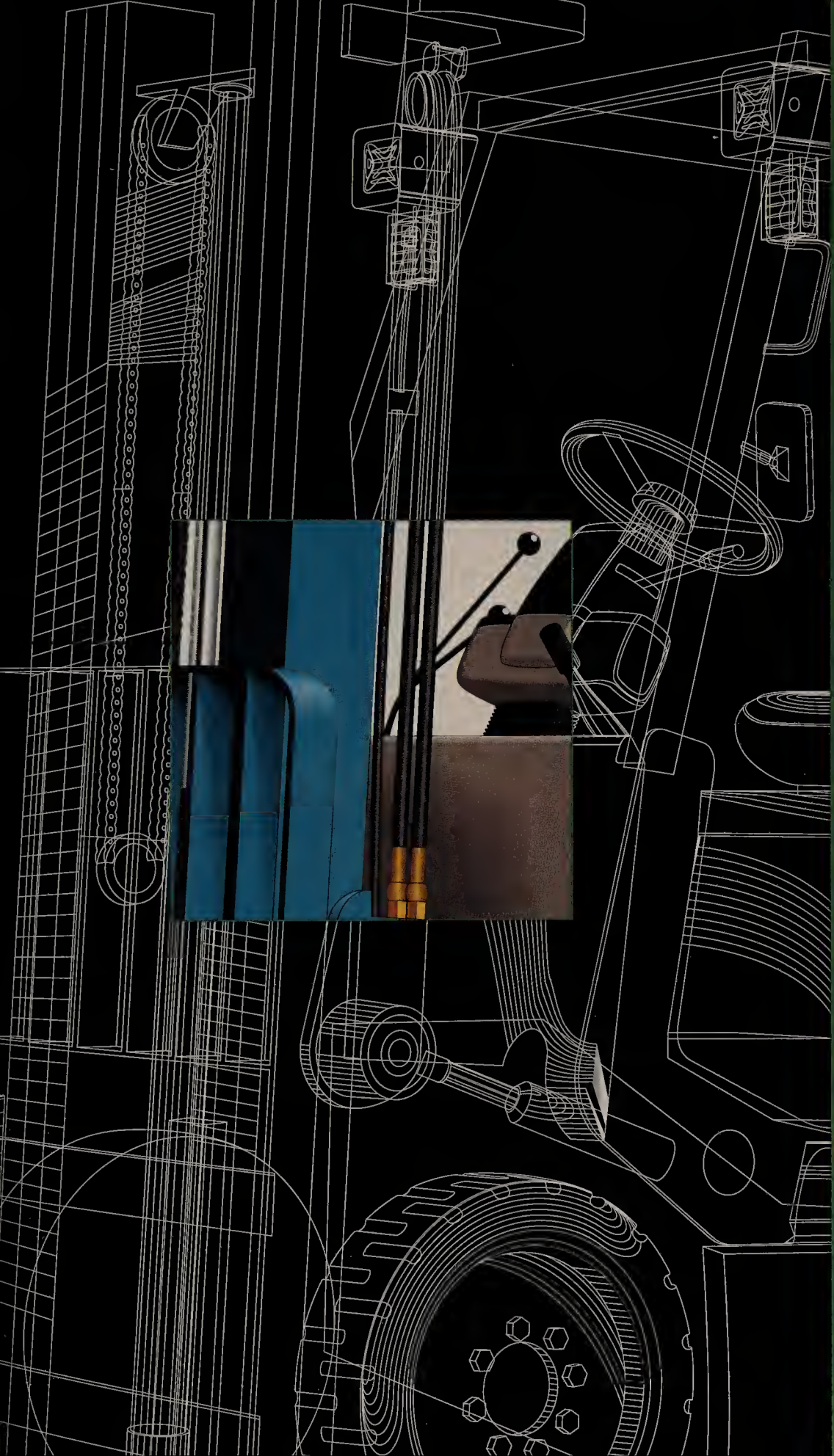
HORIZONTAL-AXIS WIND TURBINE



VERTICAL-AXIS WIND TURBINE



HEAVY MACHINERY



CONTENTS

FIRE PREVENTION777

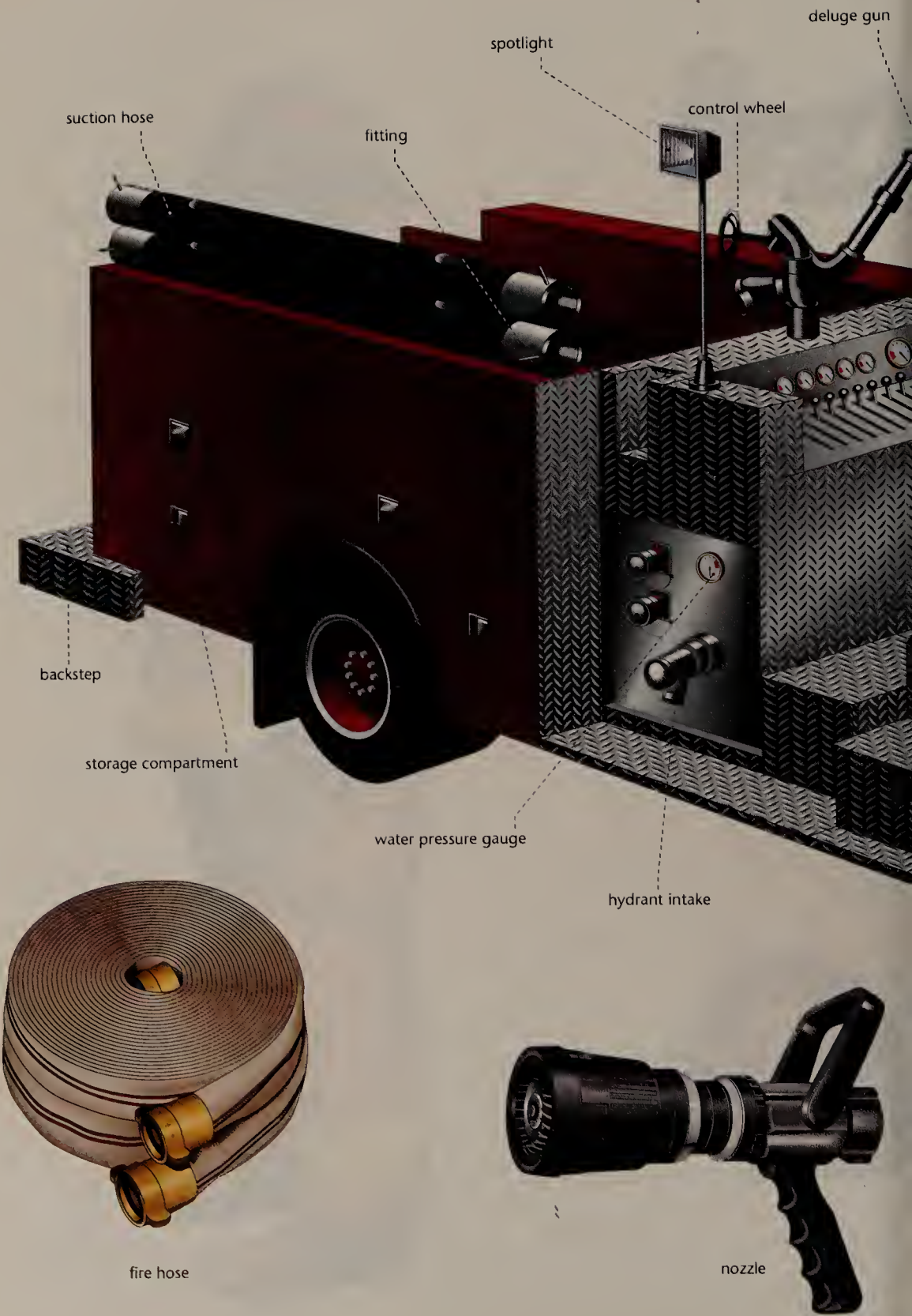
FIRE ENGINE778

MATERIAL HANDLING.....786



FIRE ENGINE

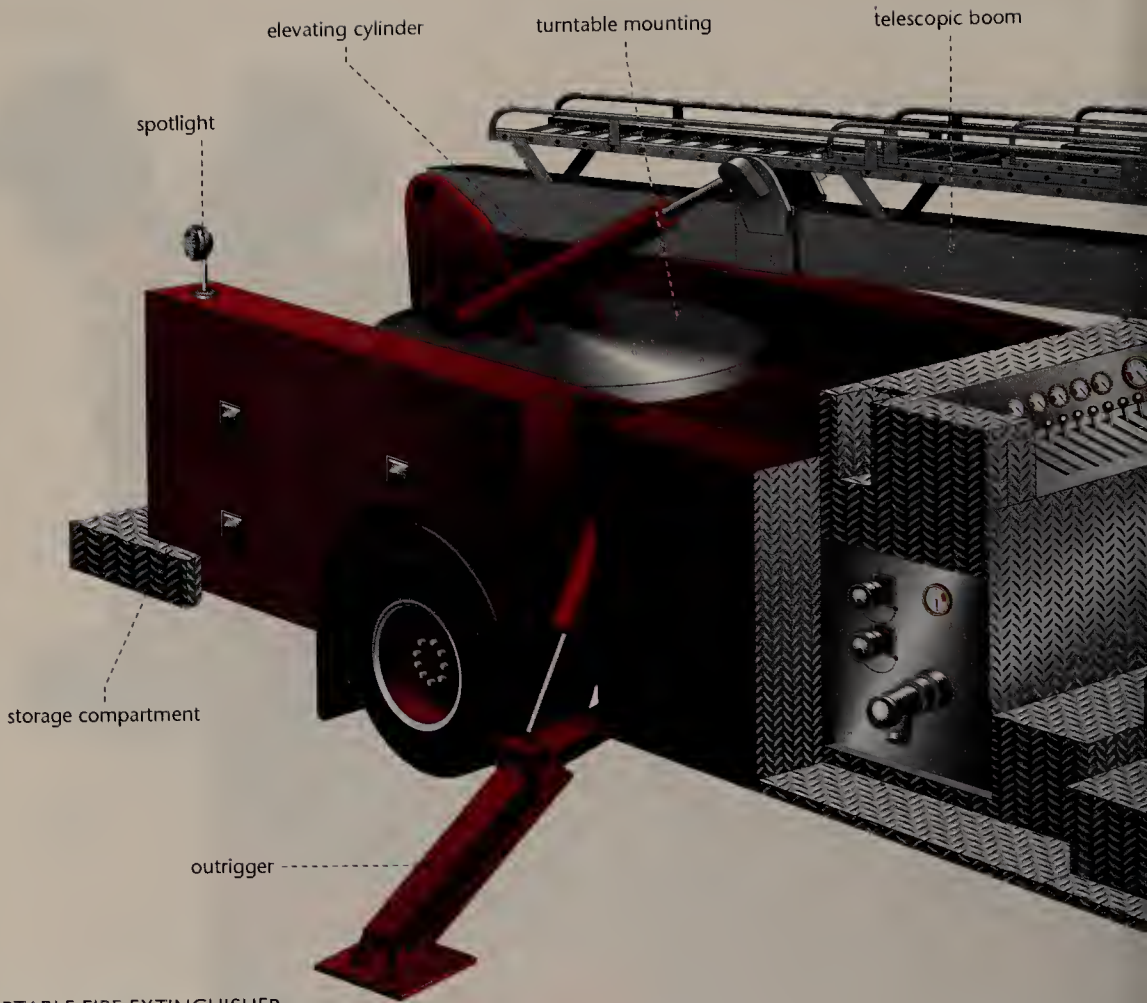
PUMPER



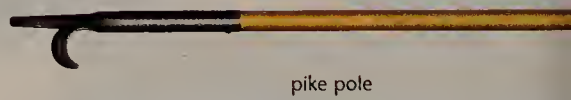


FIRE ENGINE

AERIAL LADDER TRUCK



PORTABLE FIRE EXTINGUISHER



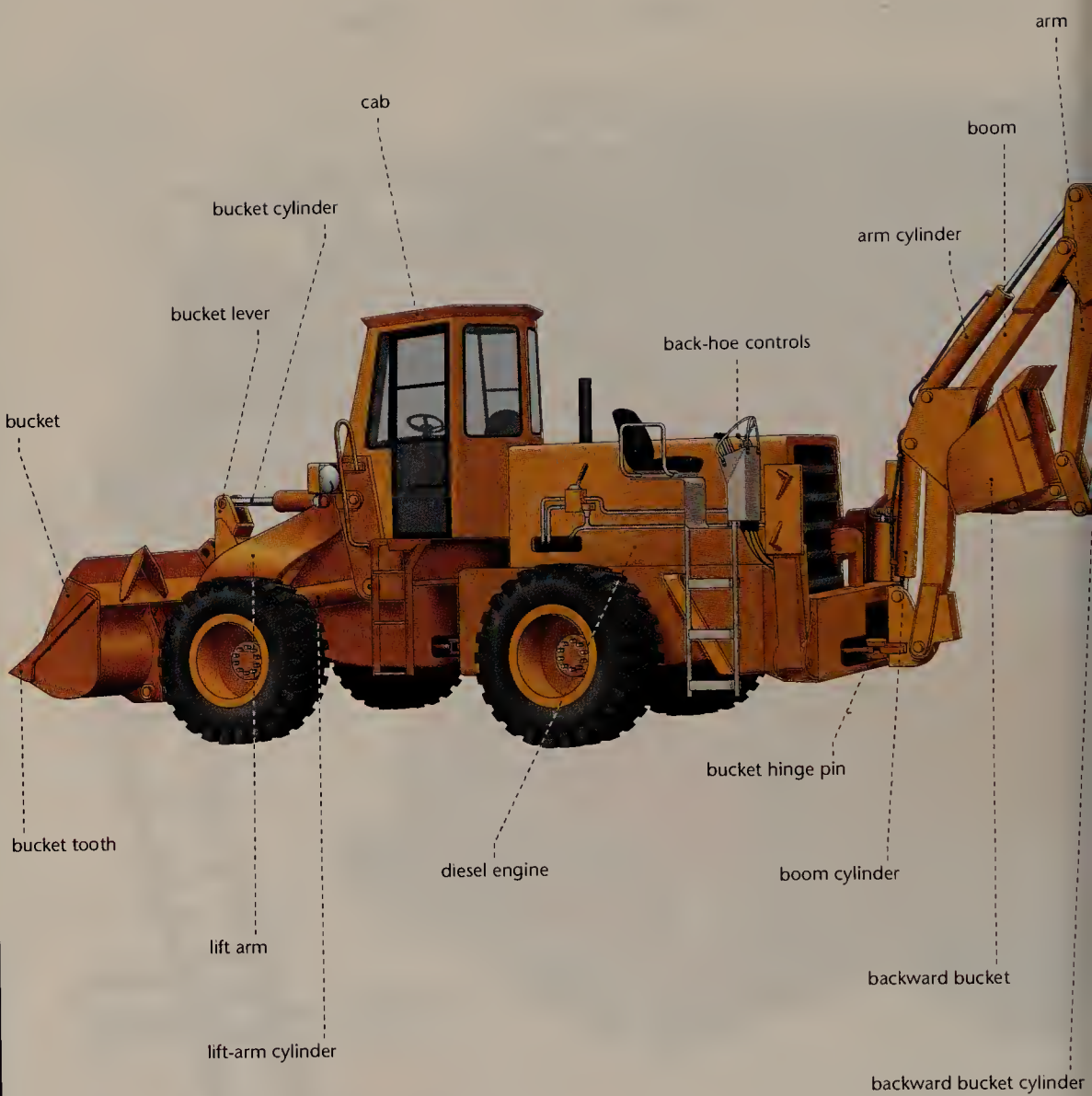
pike pole



percussion bar



WHEEL LOADER



front-end loader

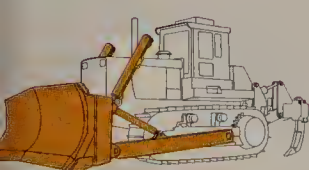
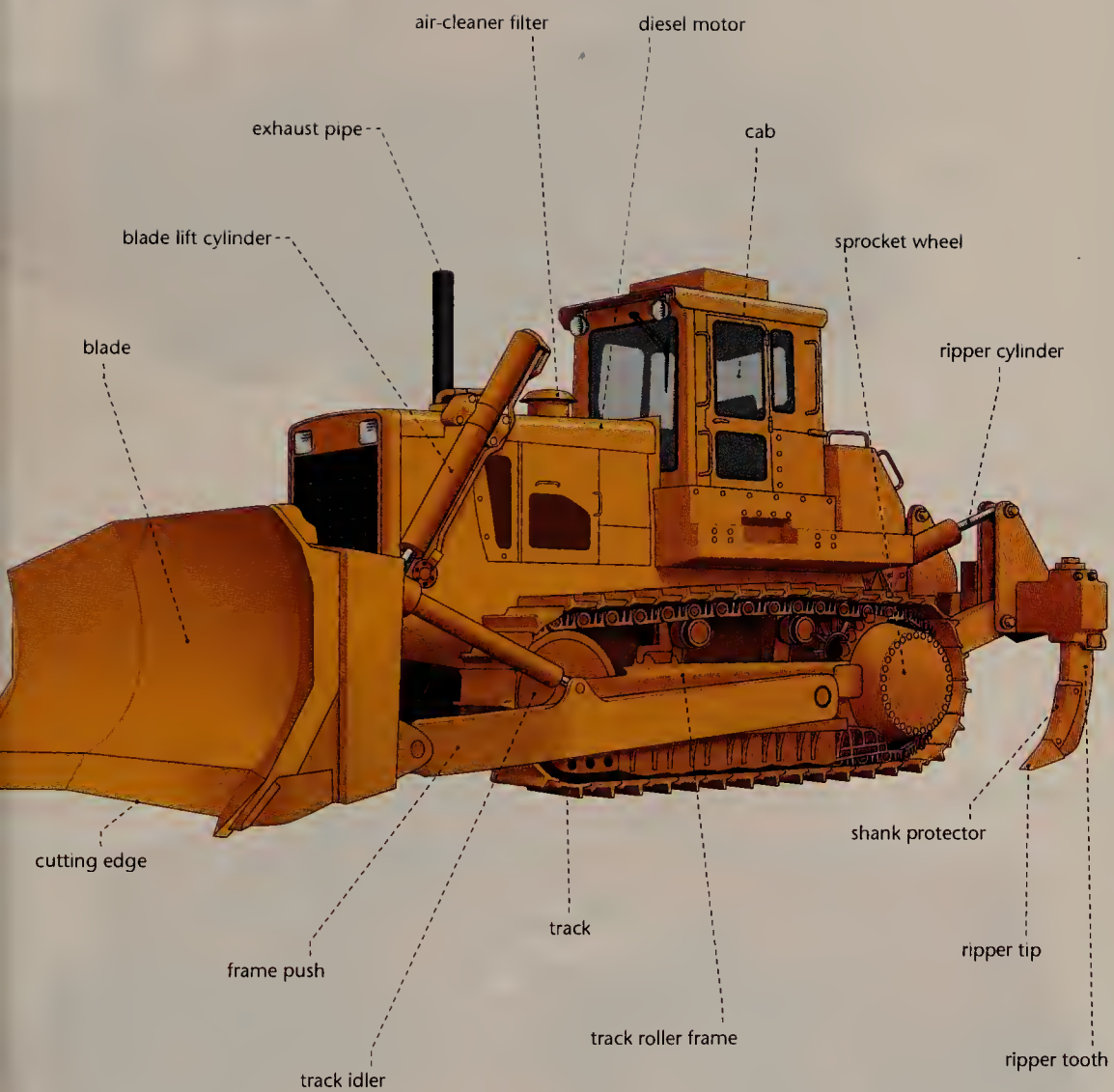


wheel tractor

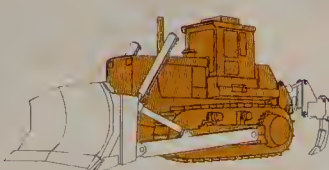


back-hoe

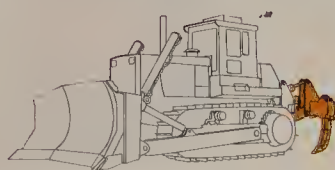
BULLDOZER



blade



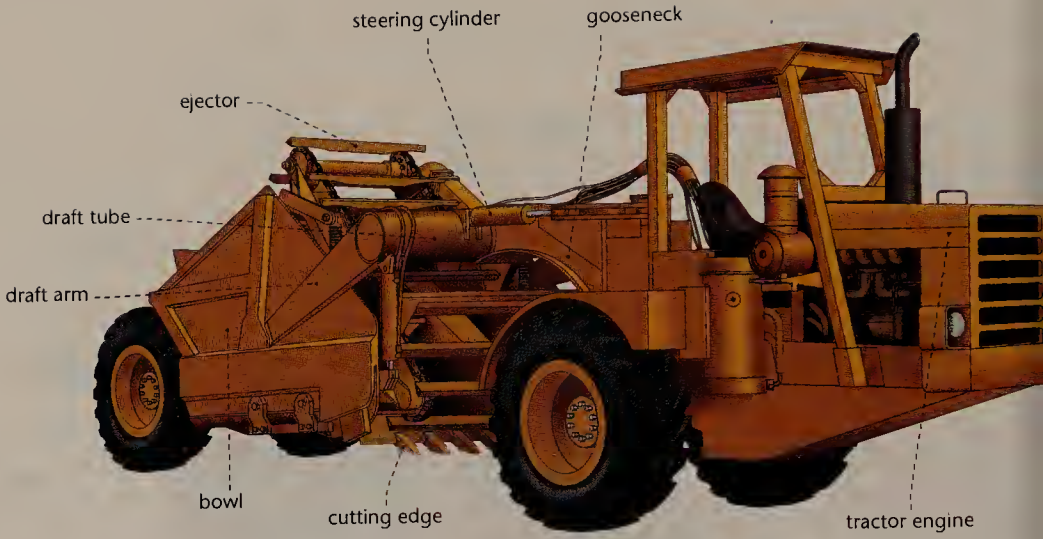
crawler tractor



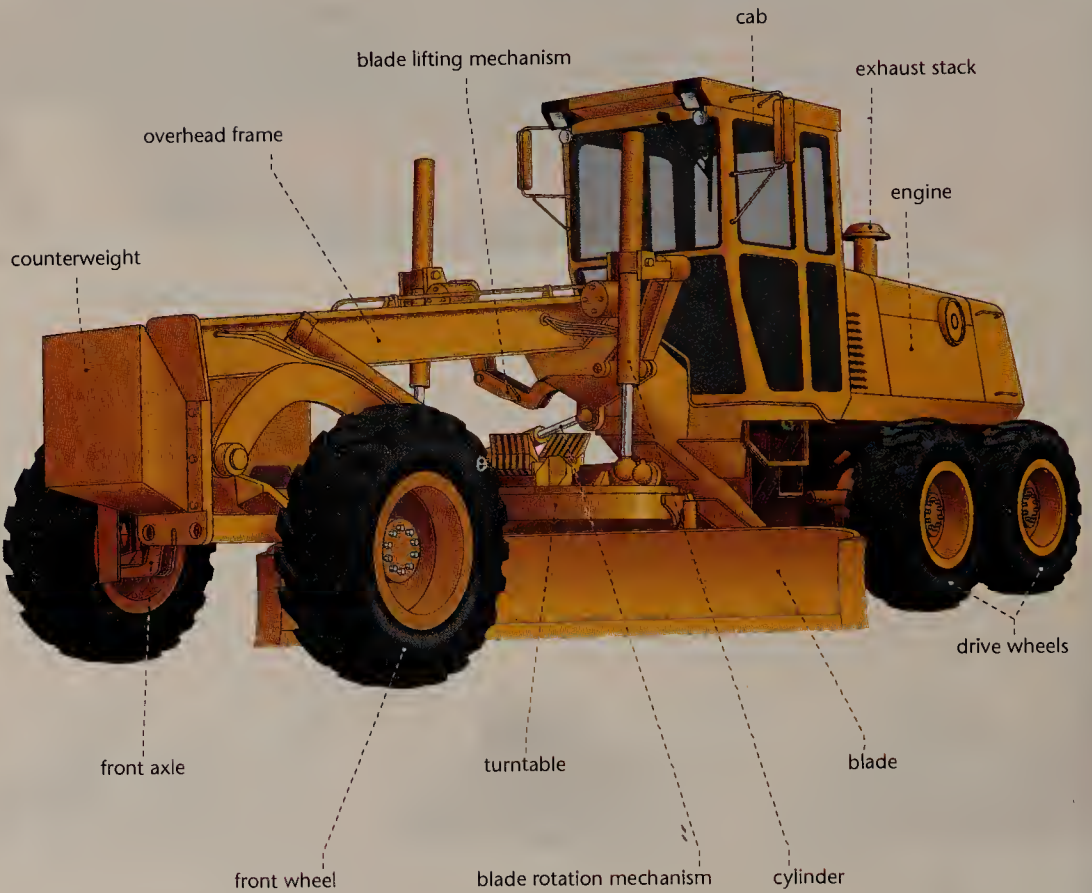
ripper

HEAVY VEHICLES

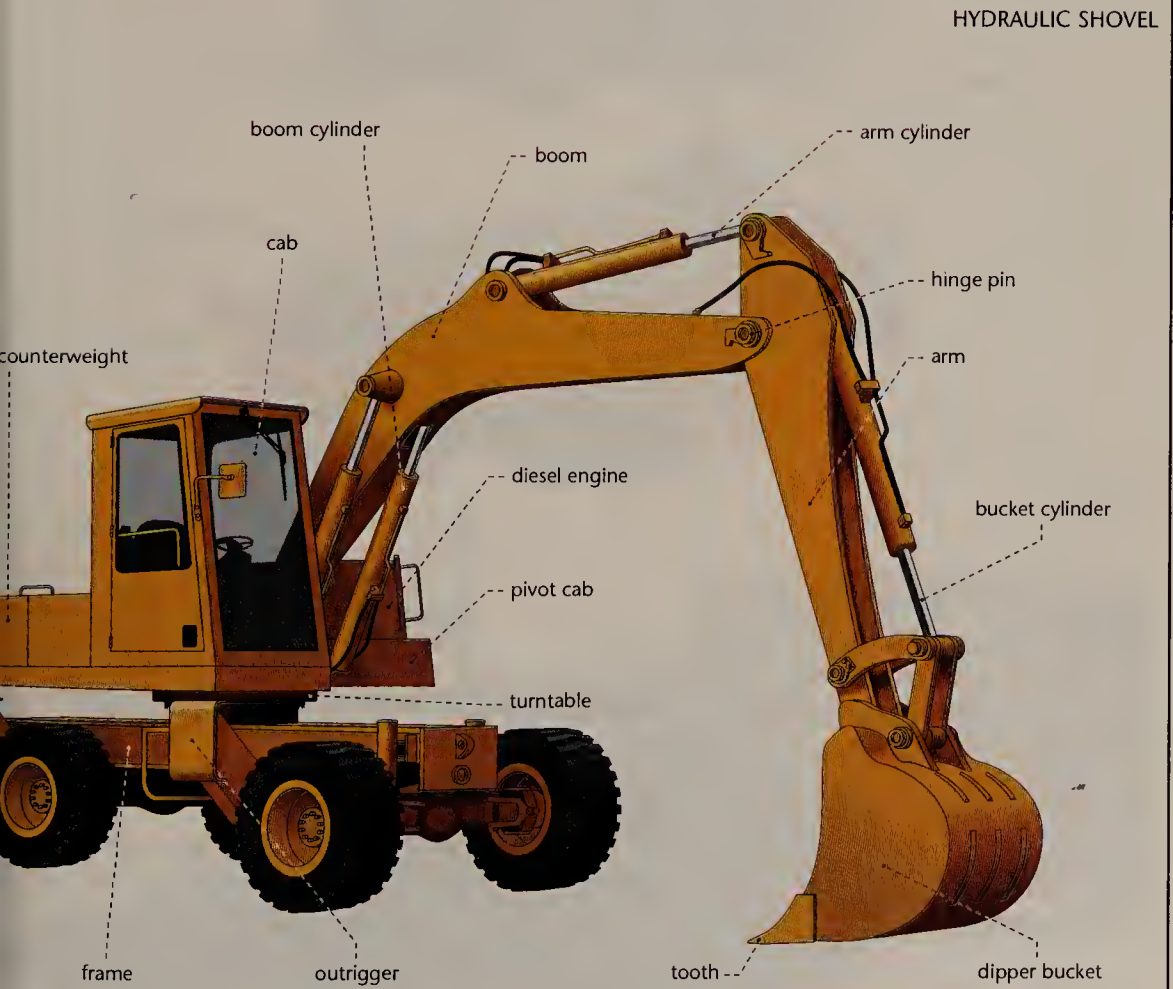
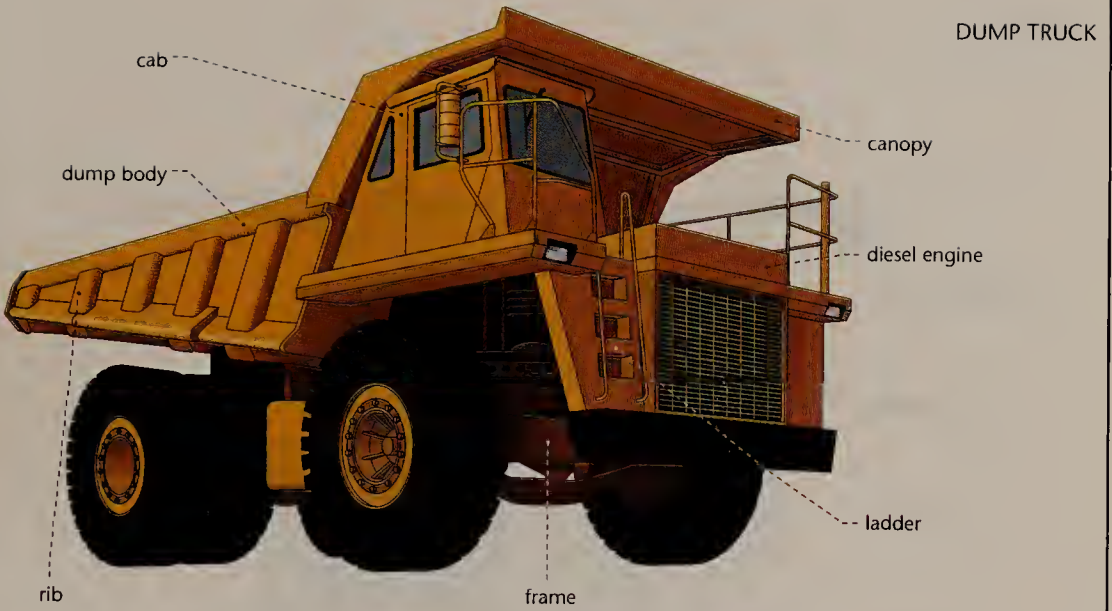
SCRAPER



GRADER

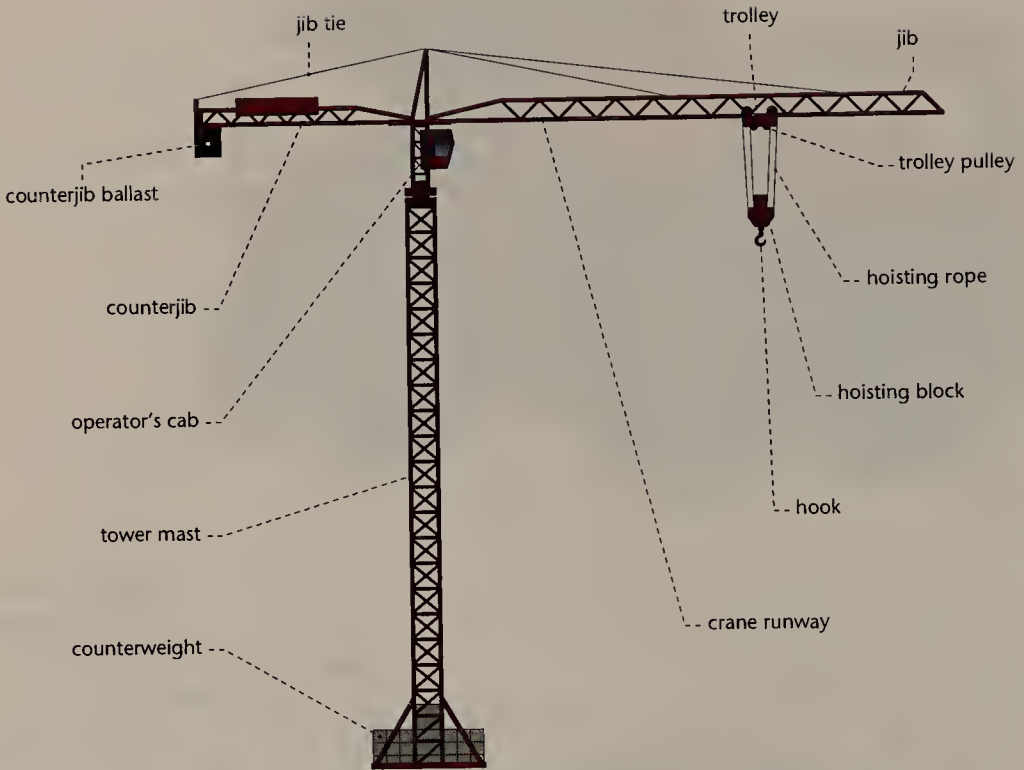


HEAVY MACHINERY



MATERIAL HANDLING

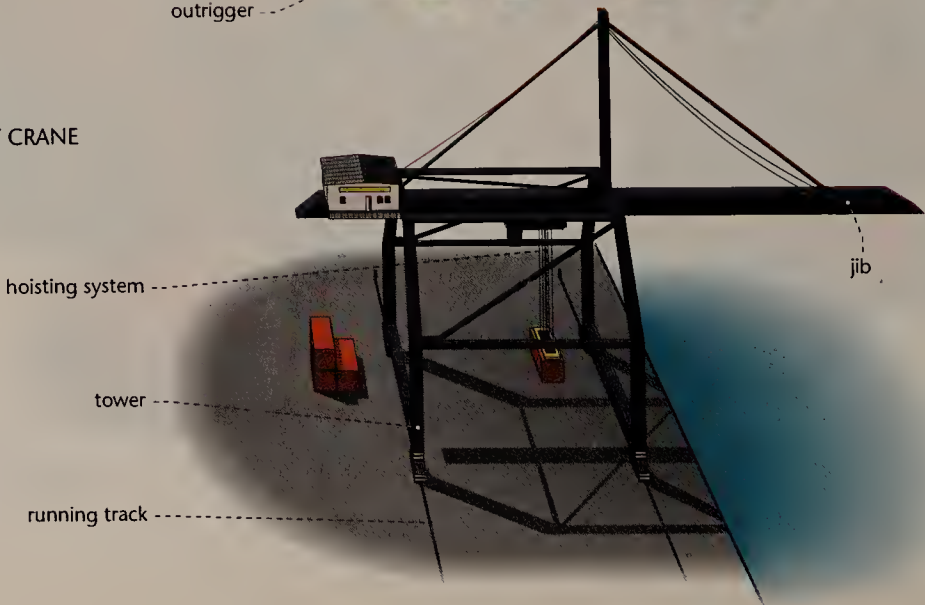
TOWER CRANE



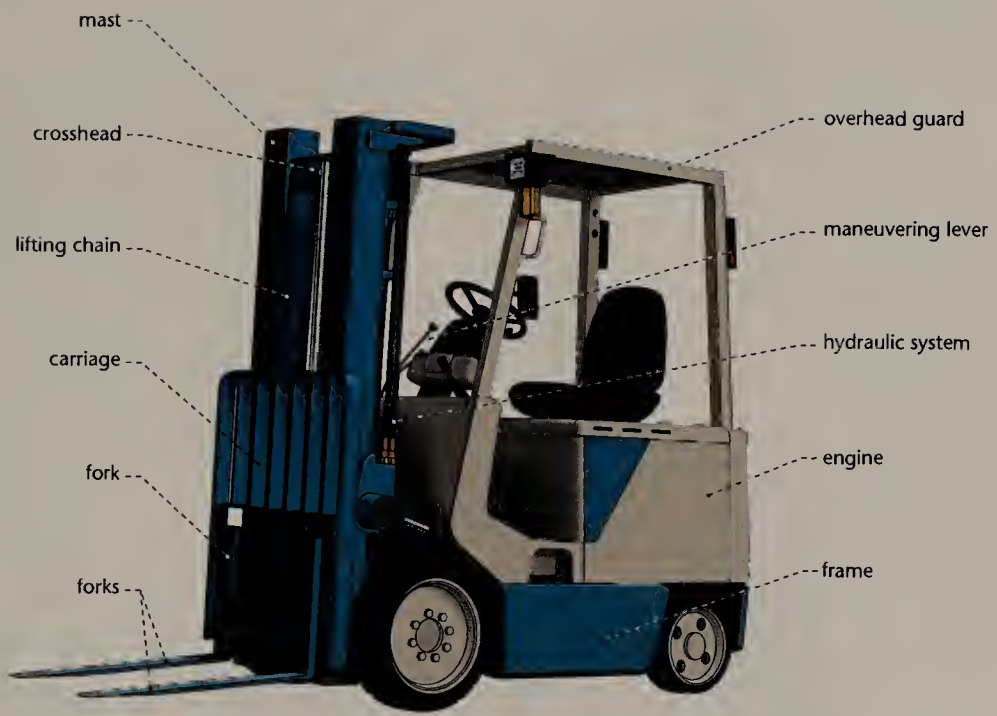
TRUCK CRANE



GANTRY CRANE



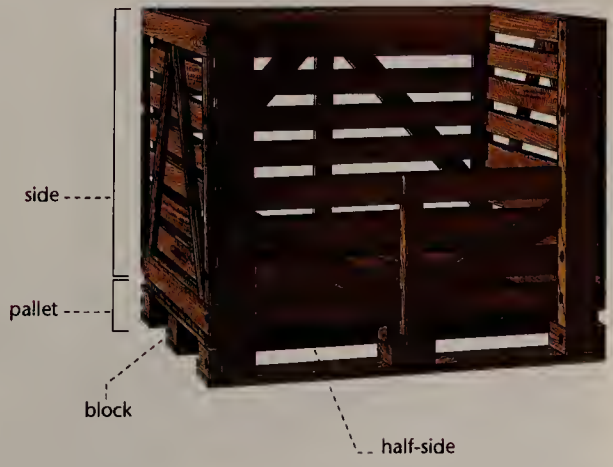
FORKLIFT TRUCK



WING PALLET



BOX PALLET



double-decked pallet

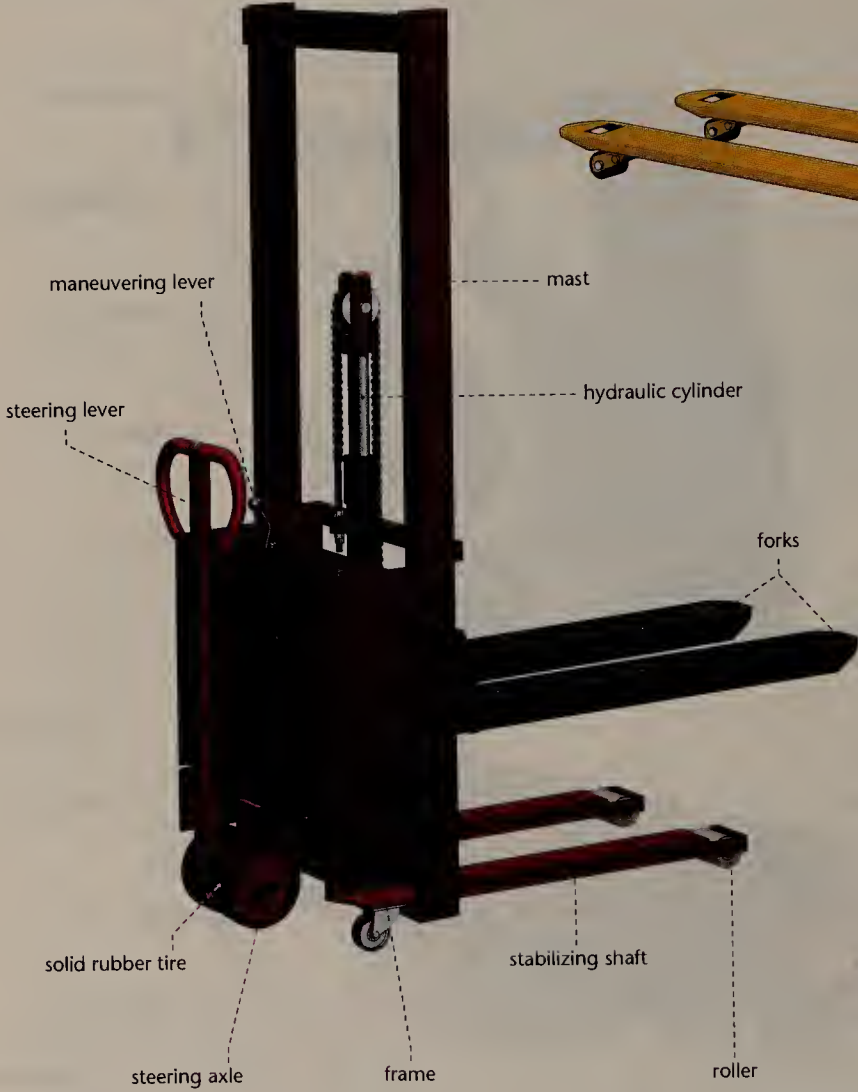


single-decked pallet

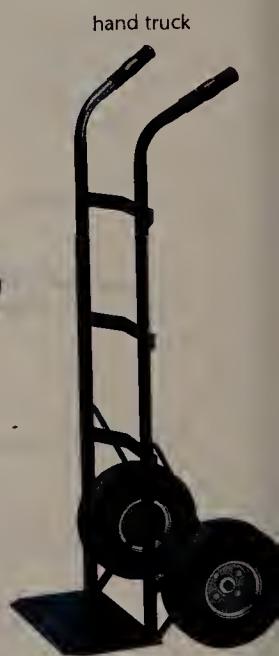


MATERIAL HANDLING

HYDRAULIC PALLET TRUCK



pallet truck



hand truck

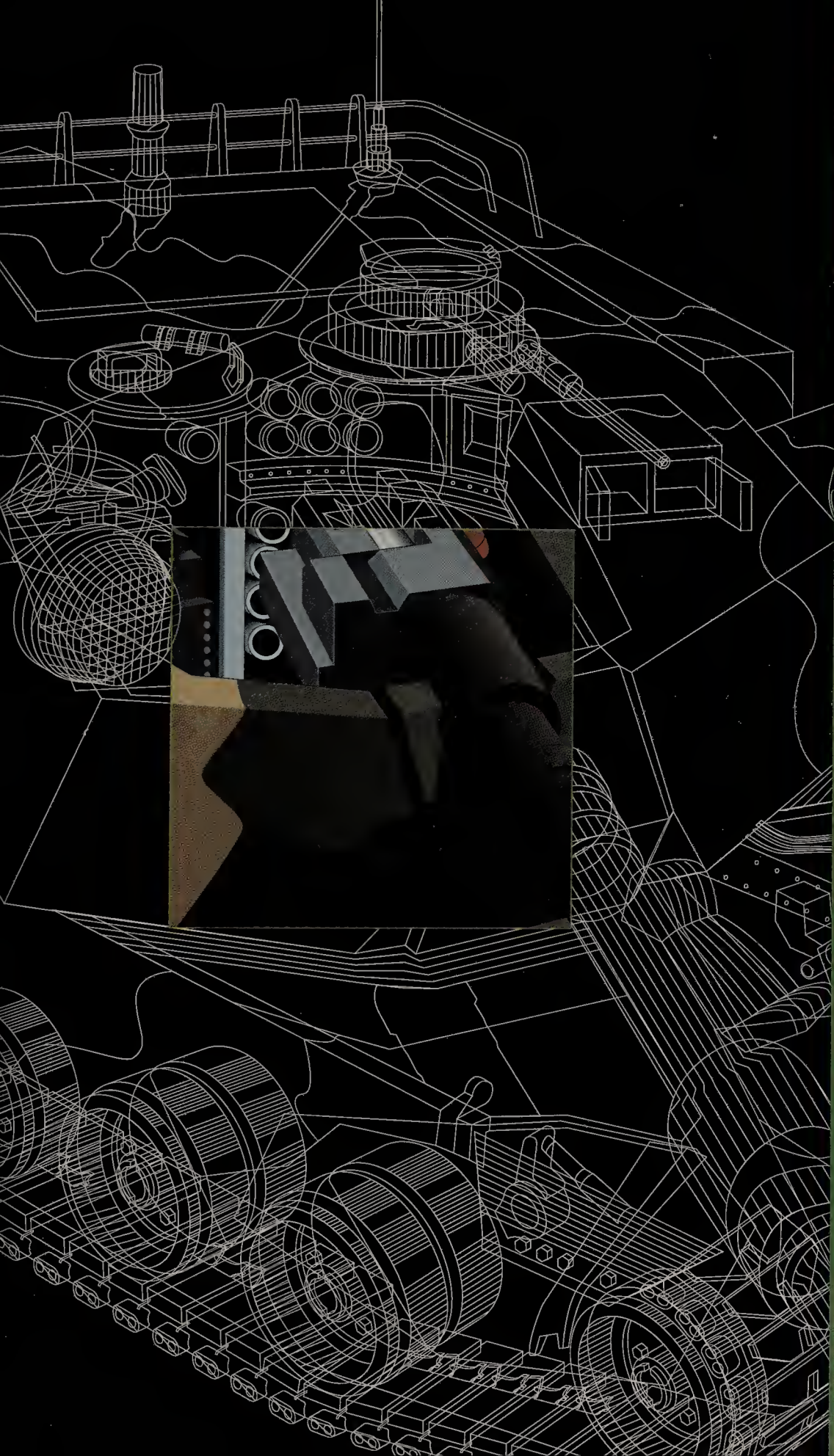


platform pallet truck



flatbed pushcart

WEAPONS



CONTENTS

STONE AGE WEAPONS	791
WEAPONS IN THE AGE OF THE ROMANS	791
ARMOR	792
BOWS AND CROSSBOW	793
THRUSTING AND CUTTING WEAPONS	794
HARQUEBUS	795
SUBMACHINE GUN	795
AUTOMATIC RIFLE	796
LIGHT MACHINE GUN	796
PISTOL	797
REVOLVER	797
HUNTING WEAPONS	798
SEVENTEENTH CENTURY CANNON	800
MODERN HOWITZER	802
MORTAR	803
HAND GRENADE	804
BAZOOKA	804
RECOILLESS RIFLE	804
TANK	805
SUBMARINE	806
FRIGATE	808
AIRCRAFT CARRIER	810
COMBAT AIRCRAFT	812
MISSILES	814

STONE AGE WEAPONS

polished stone hand axe



flint arrowhead

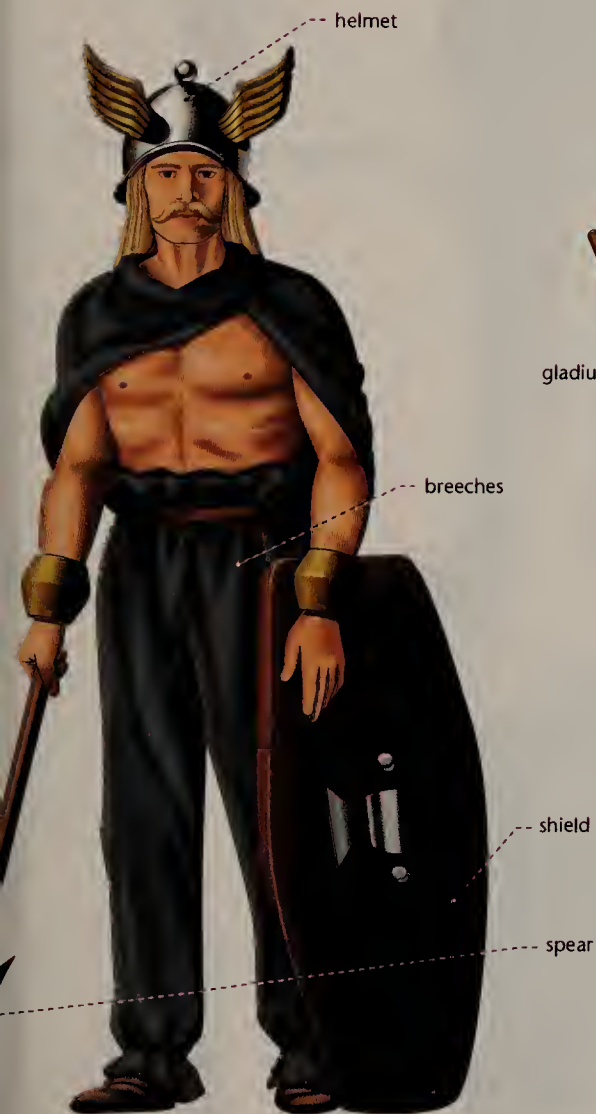


flint knife



WEAPONS IN THE AGE OF THE ROMANS

GALLIC WARRIOR



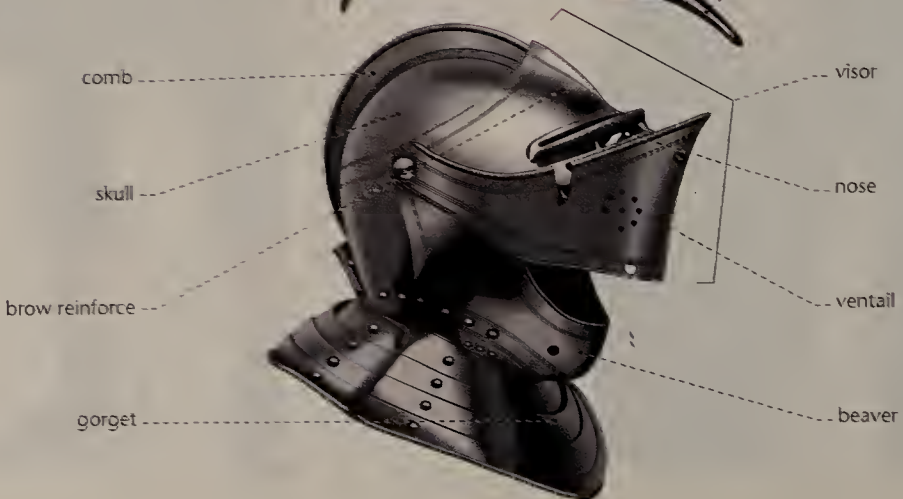
ROMAN LEGIONARY



ARMOR

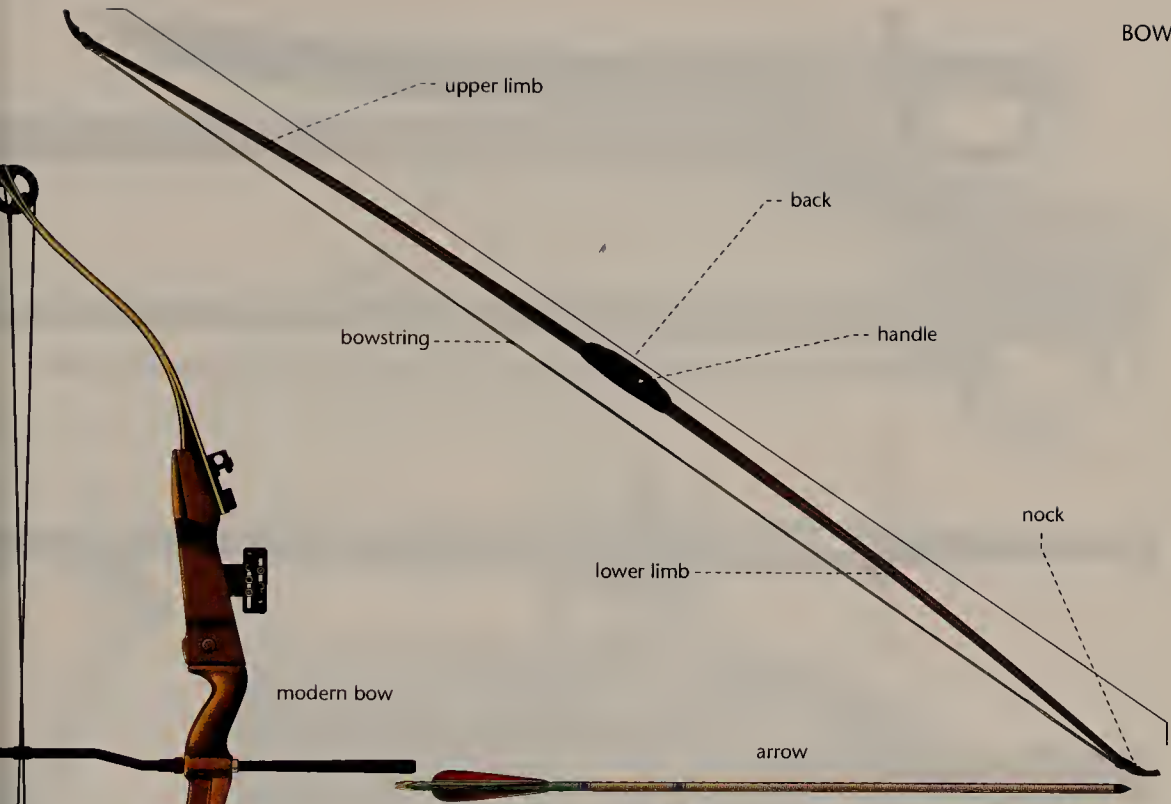


ARMET

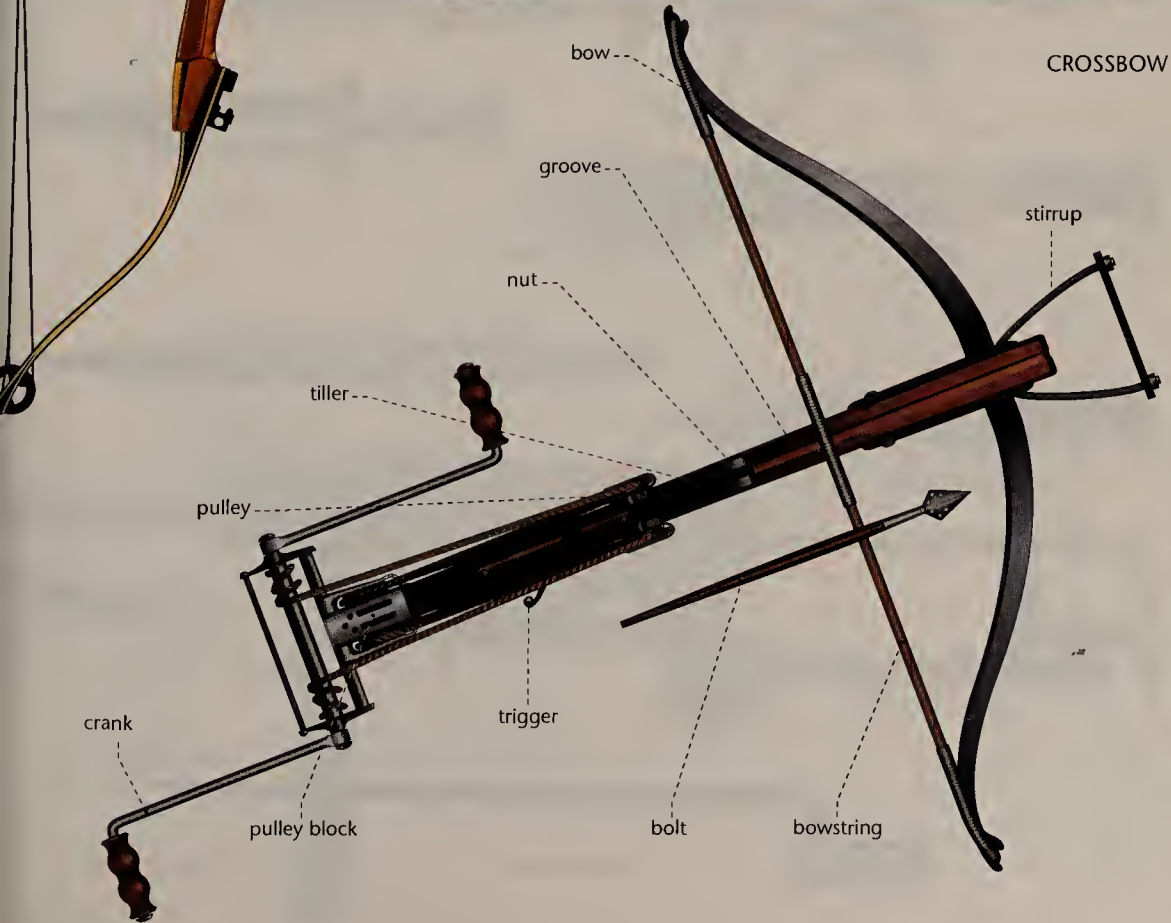


BOWS AND CROSSBOW

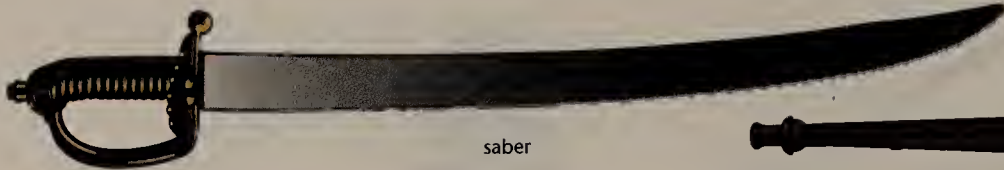
BOW



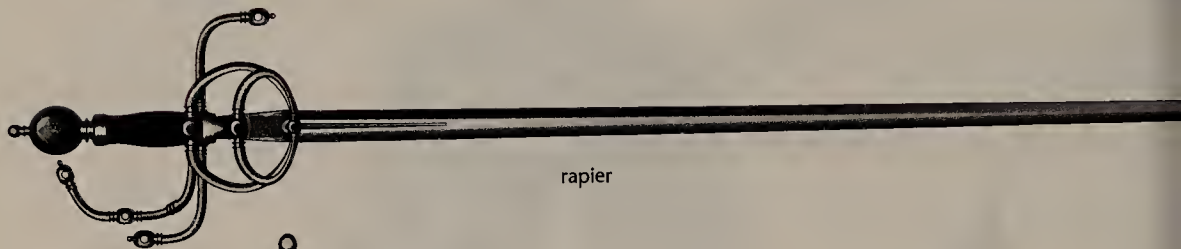
CROSSBOW



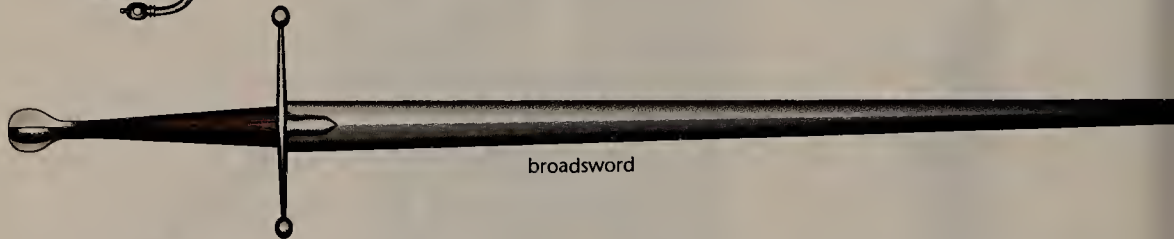
THRUSTING AND CUTTING WEAPONS



saber



rapier



broadsword



poniard



stiletto



machete



dagger



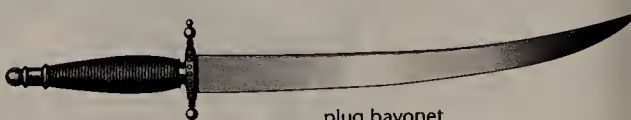
hilted bayonet



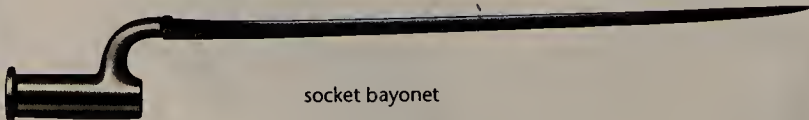
commando knife



integral bayonet

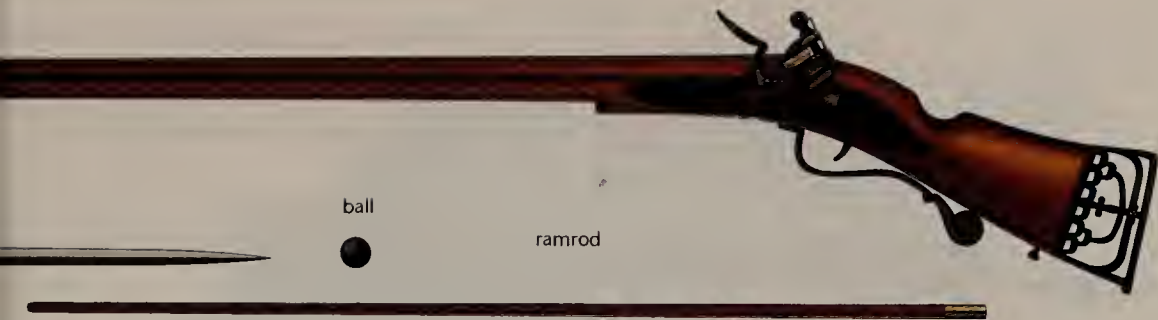


plug bayonet

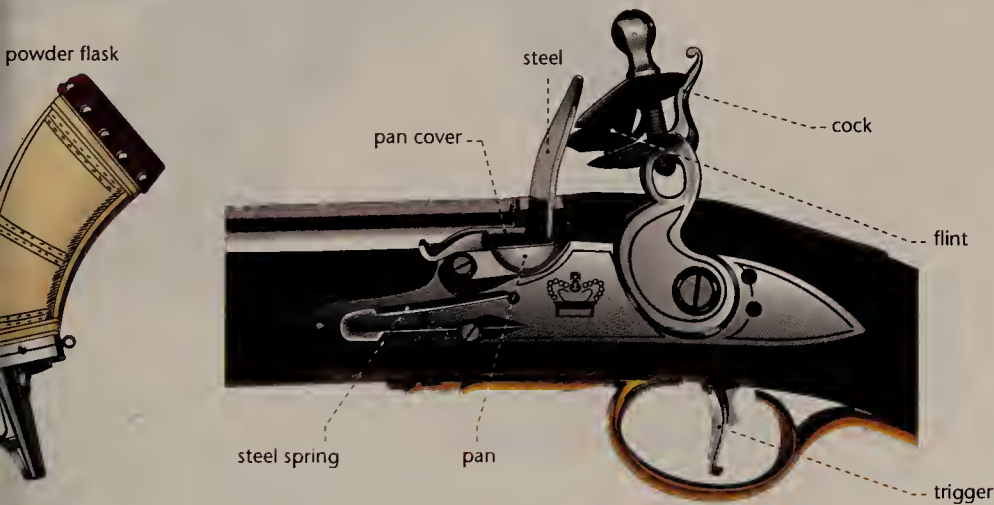


socket bayonet

HARQUEBUS



FLINTLOCK



SUBMACHINE GUN



AUTOMATIC RIFLE



LIGHT MACHINE GUN



REVOLVER

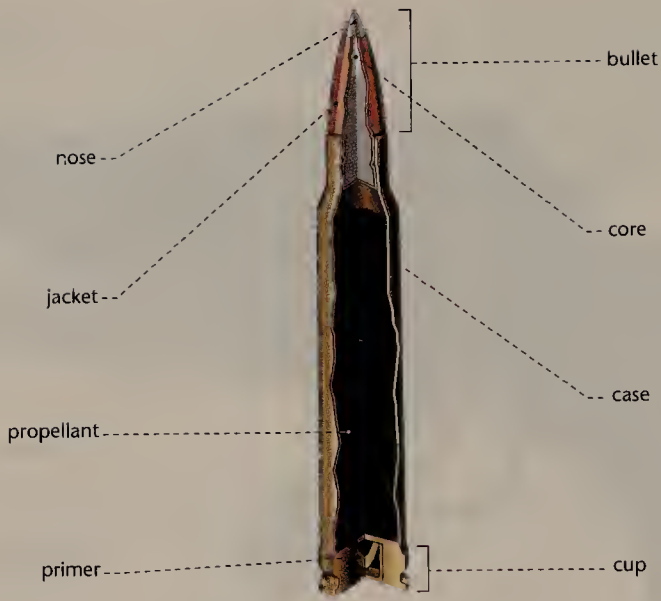


PISTOL



HUNTING WEAPONS

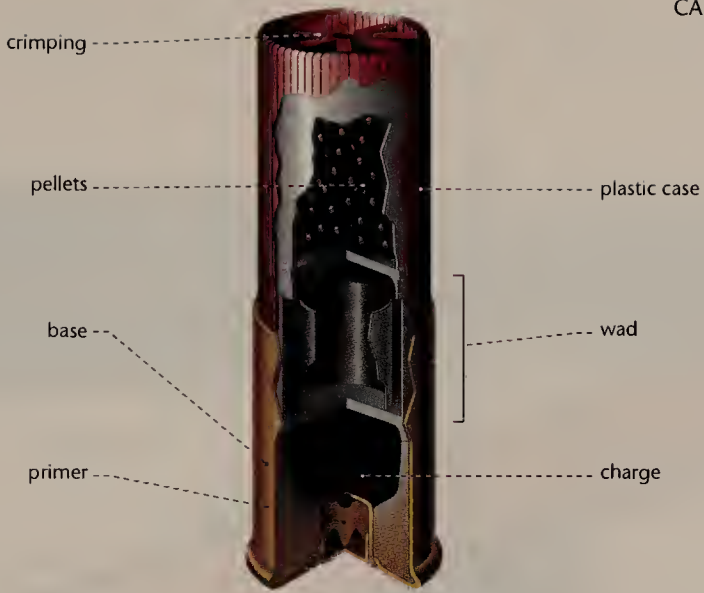
CARTRIDGE (RIFLE)



RIFLE (RIFLED BORE)



CARTRIDGE (SHOTGUN)

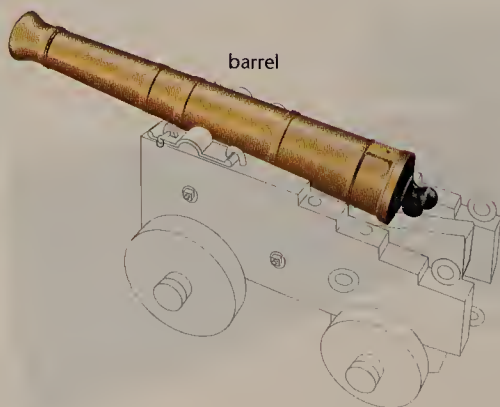
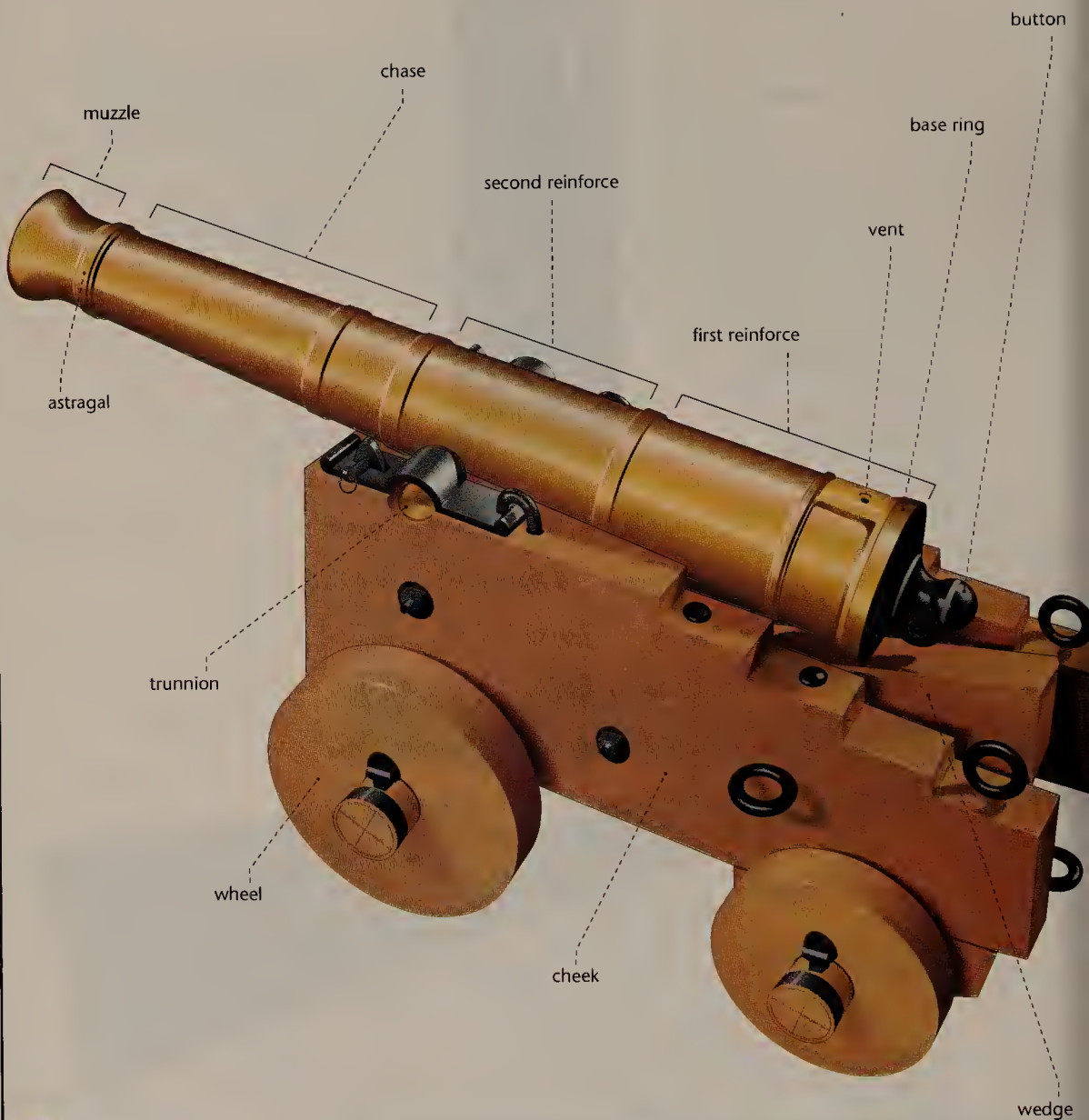


SHOTGUN (SMOOTH-BORE)

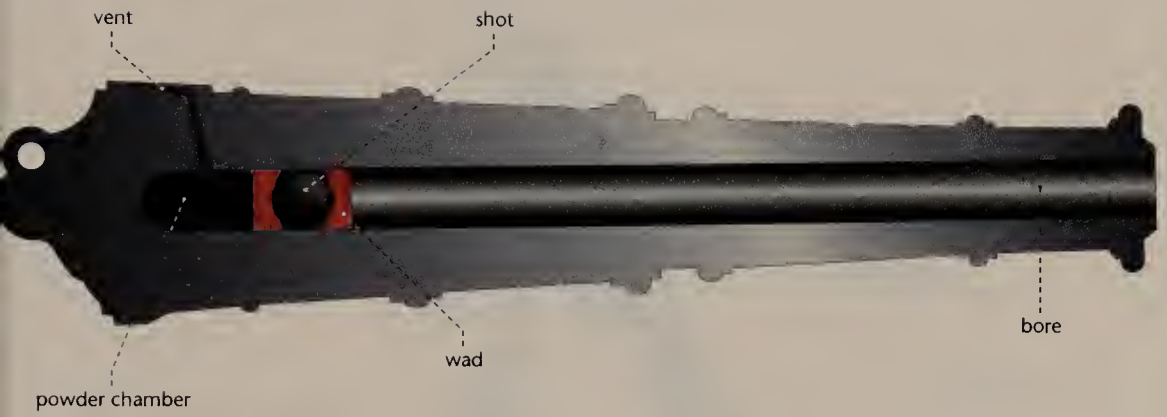


SEVENTEENTH CENTURY CANNON

MUZZLE LOADING



CROSS SECTION OF A MUZZLE LOADING



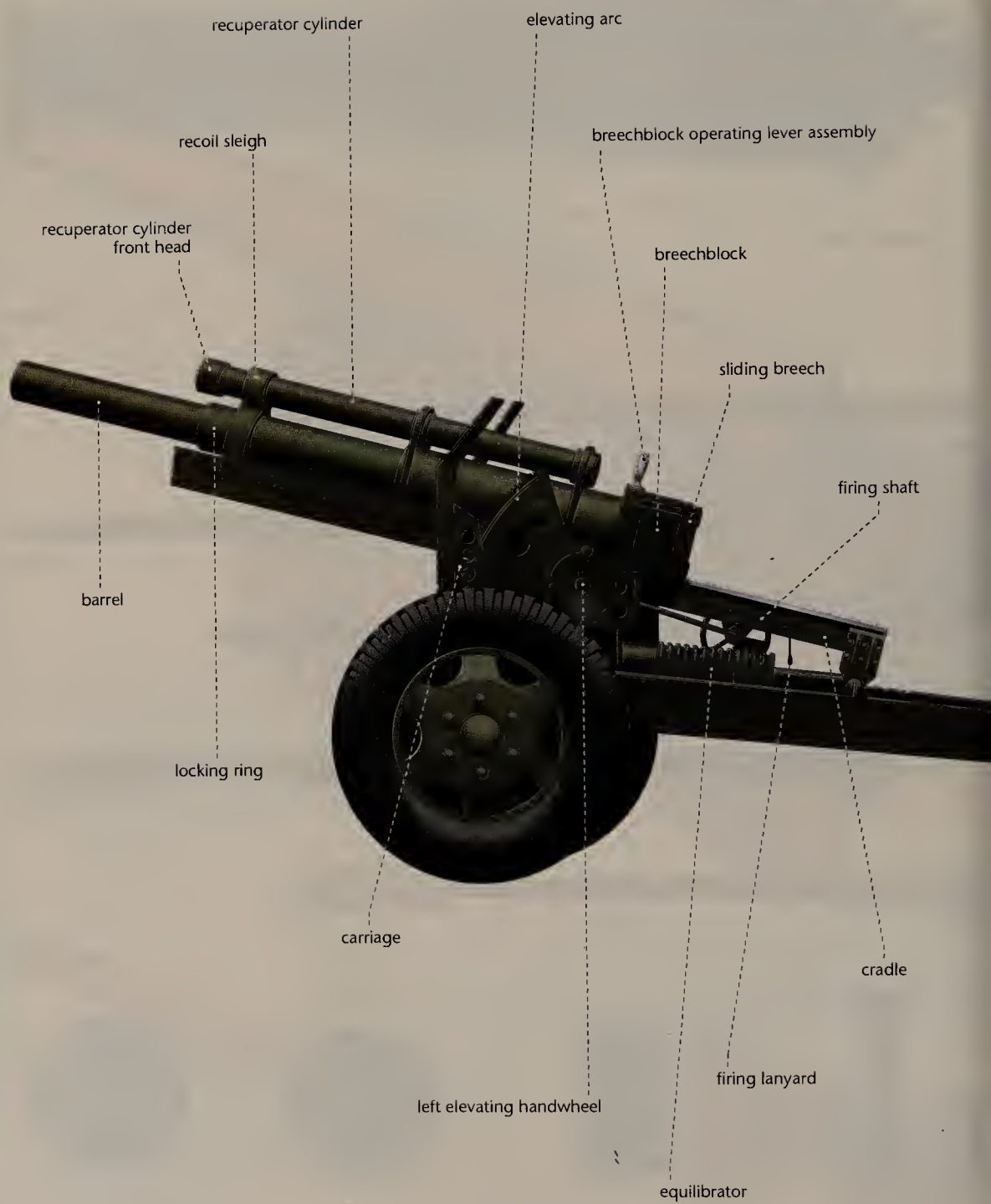
FIRING ACCESSORIES



PROJECTILES

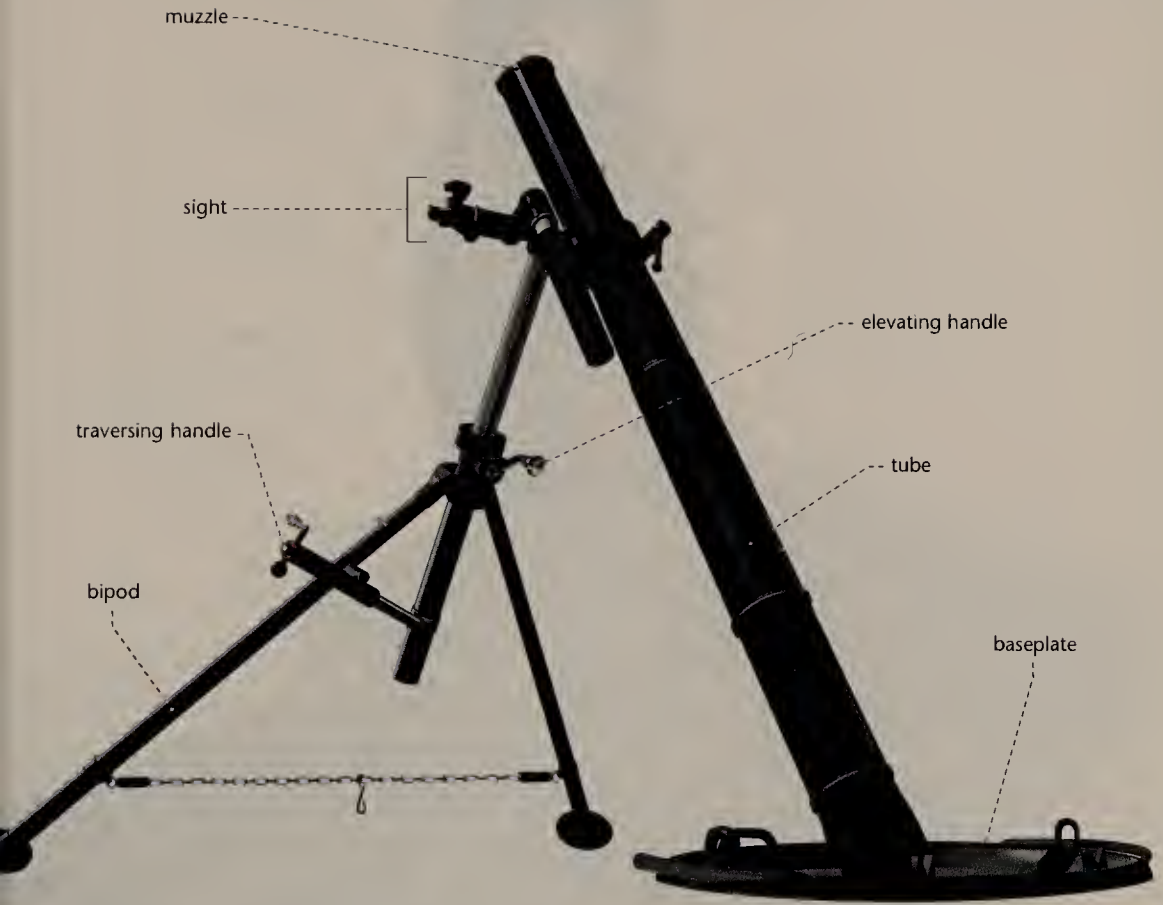


MODERN HOWITZER



MORTAR

MODERN MORTAR



SEVENTEENTH-CENTURY MORTAR



HAND GRENADE



BAZOOKA



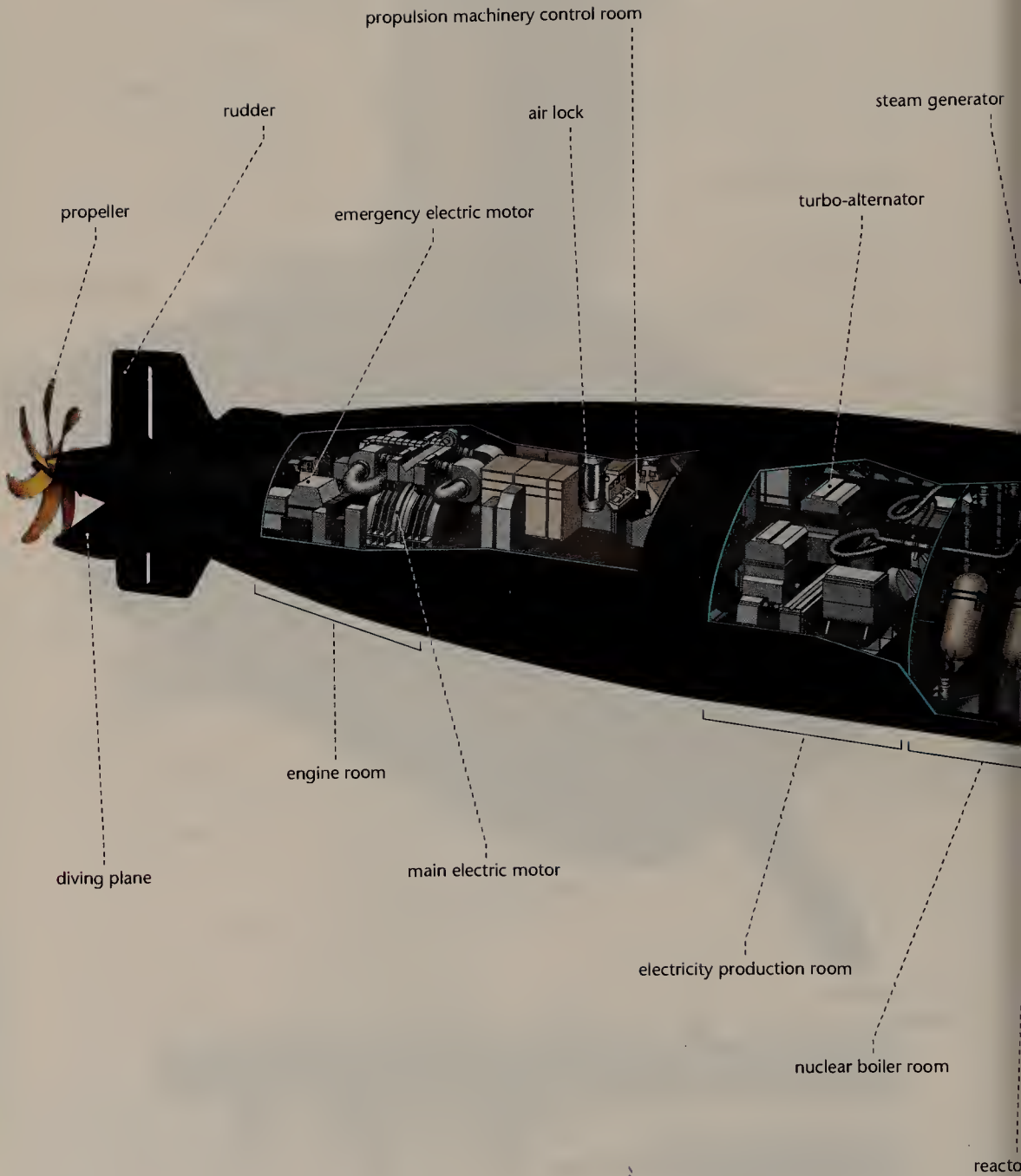
RECOILLESS RIFLE

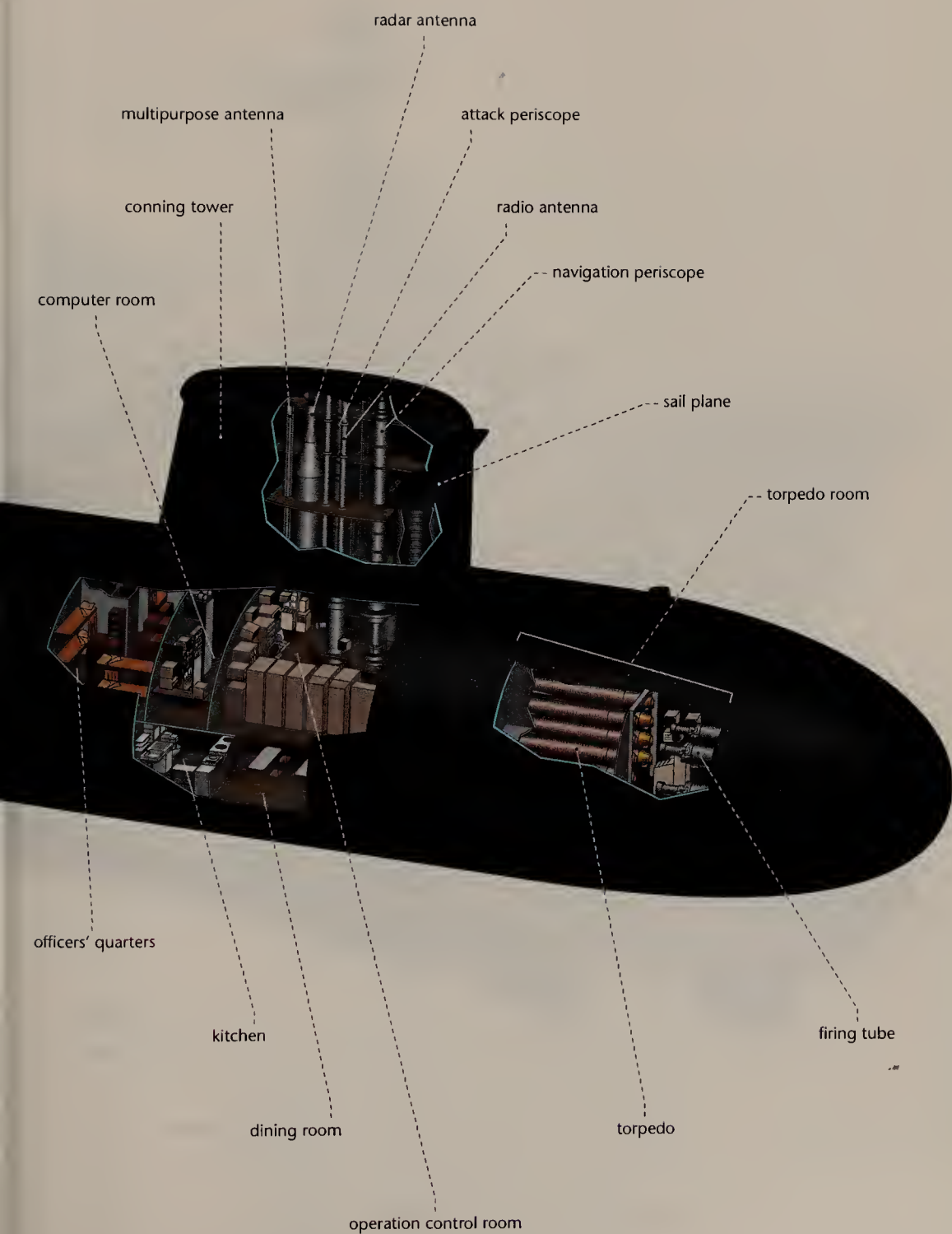


TANK

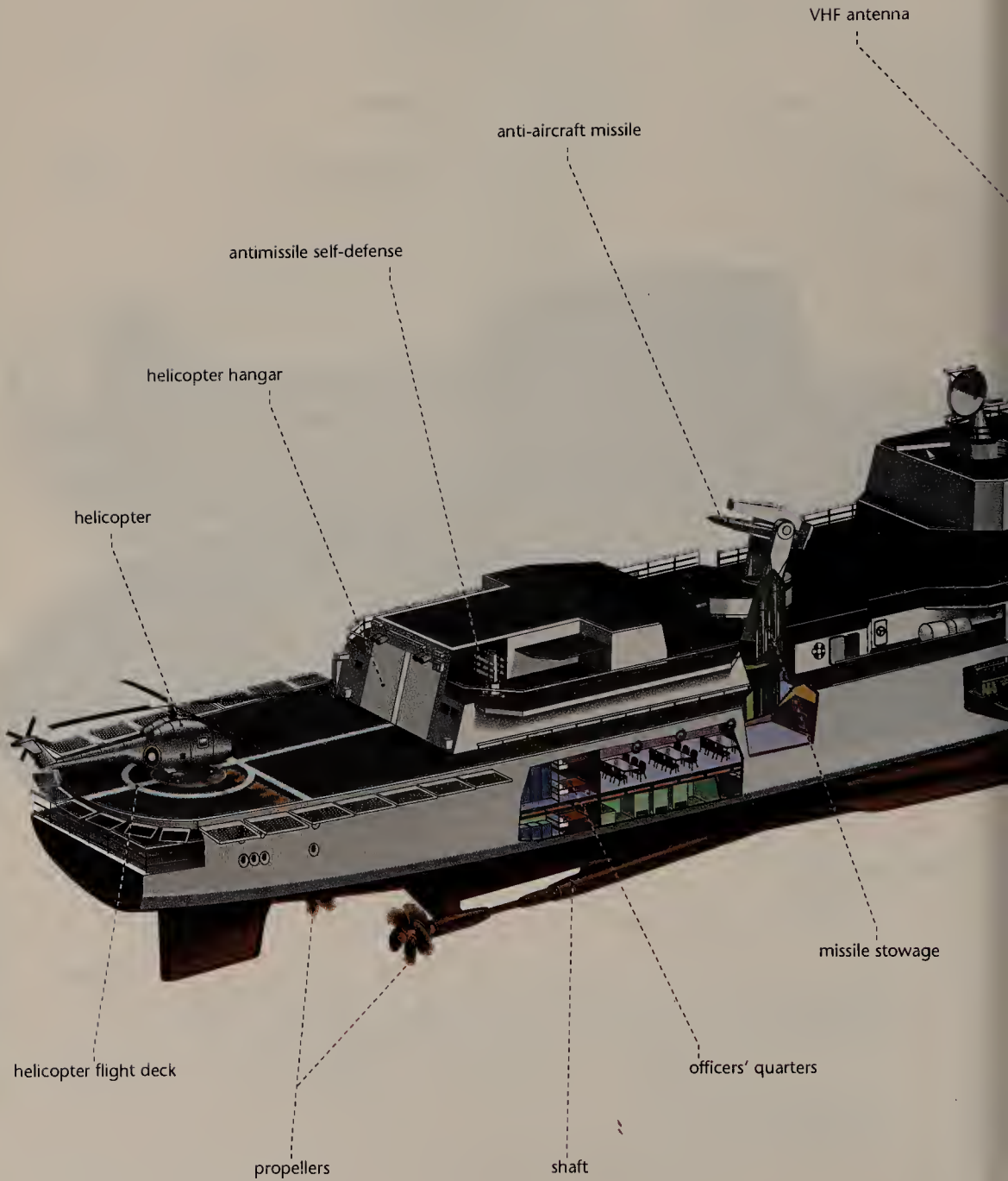


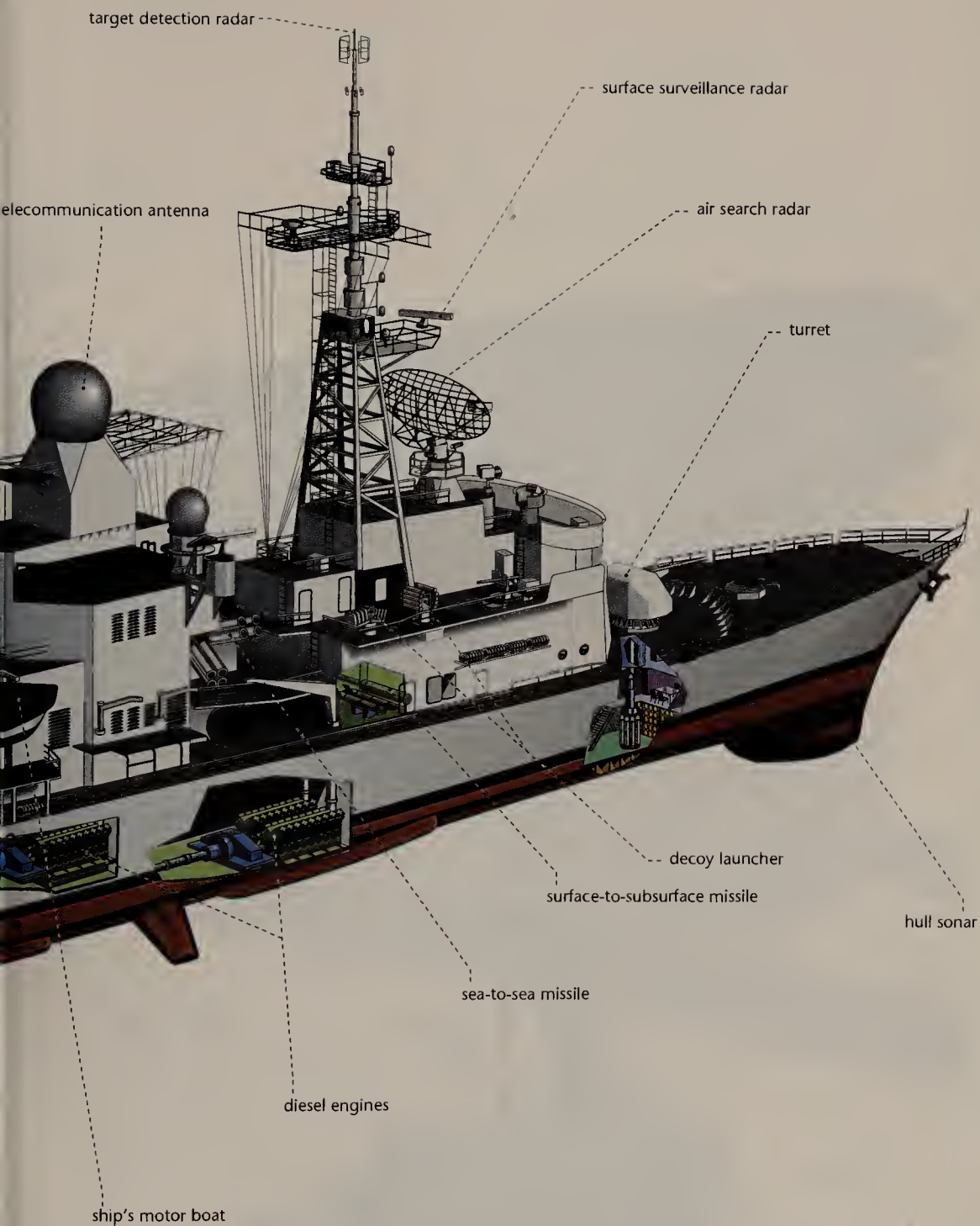
SUBMARINE



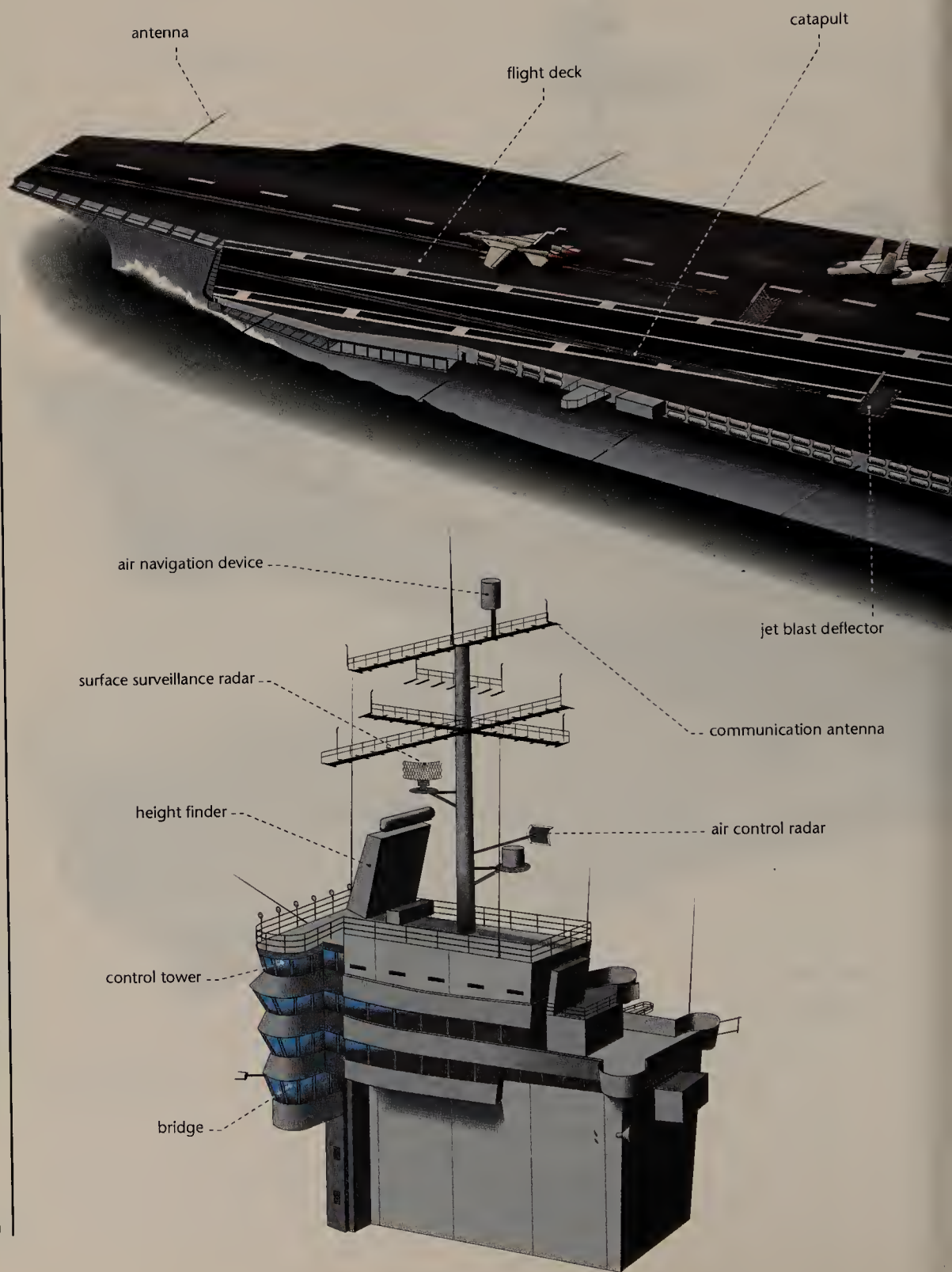


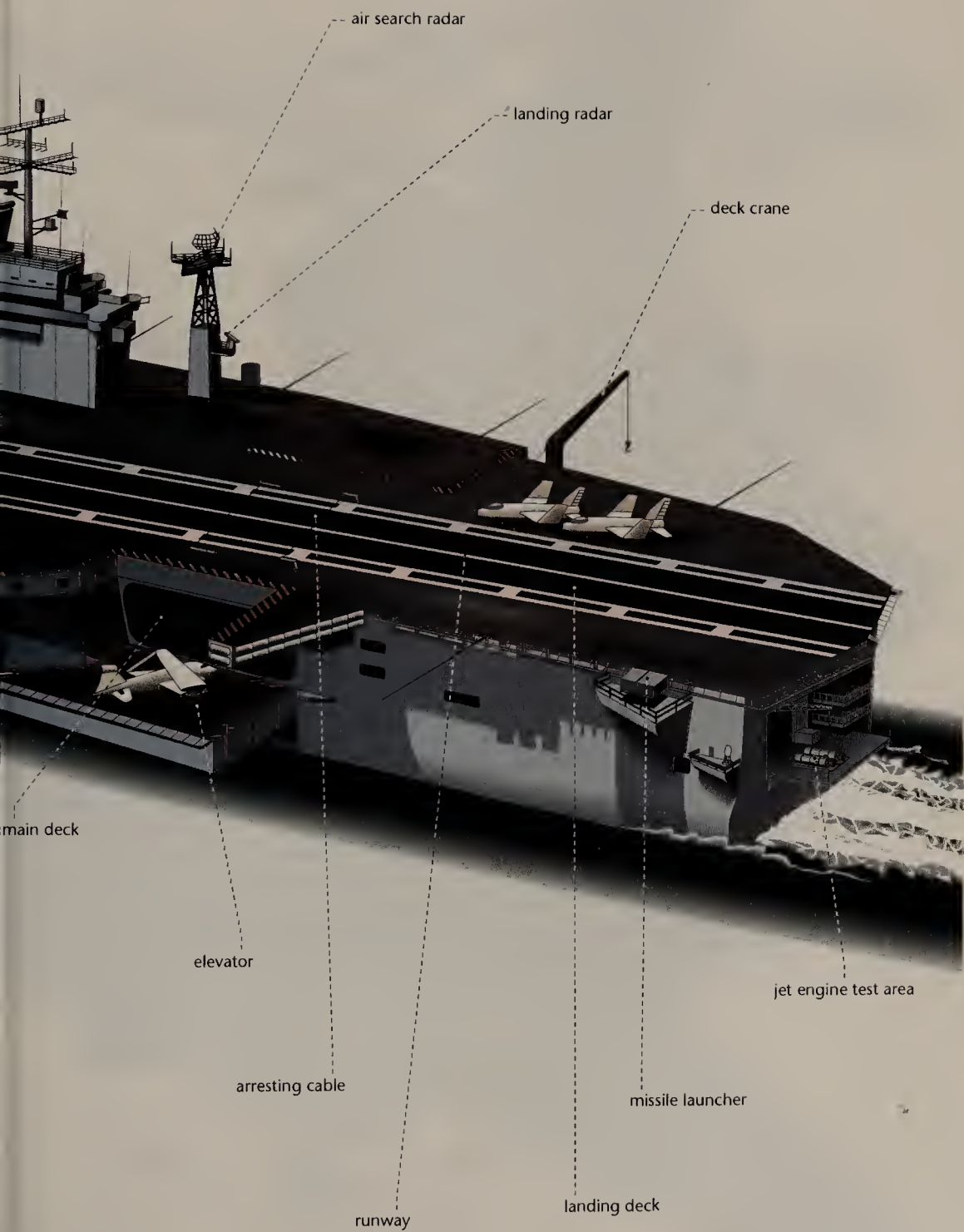
FRIGATE





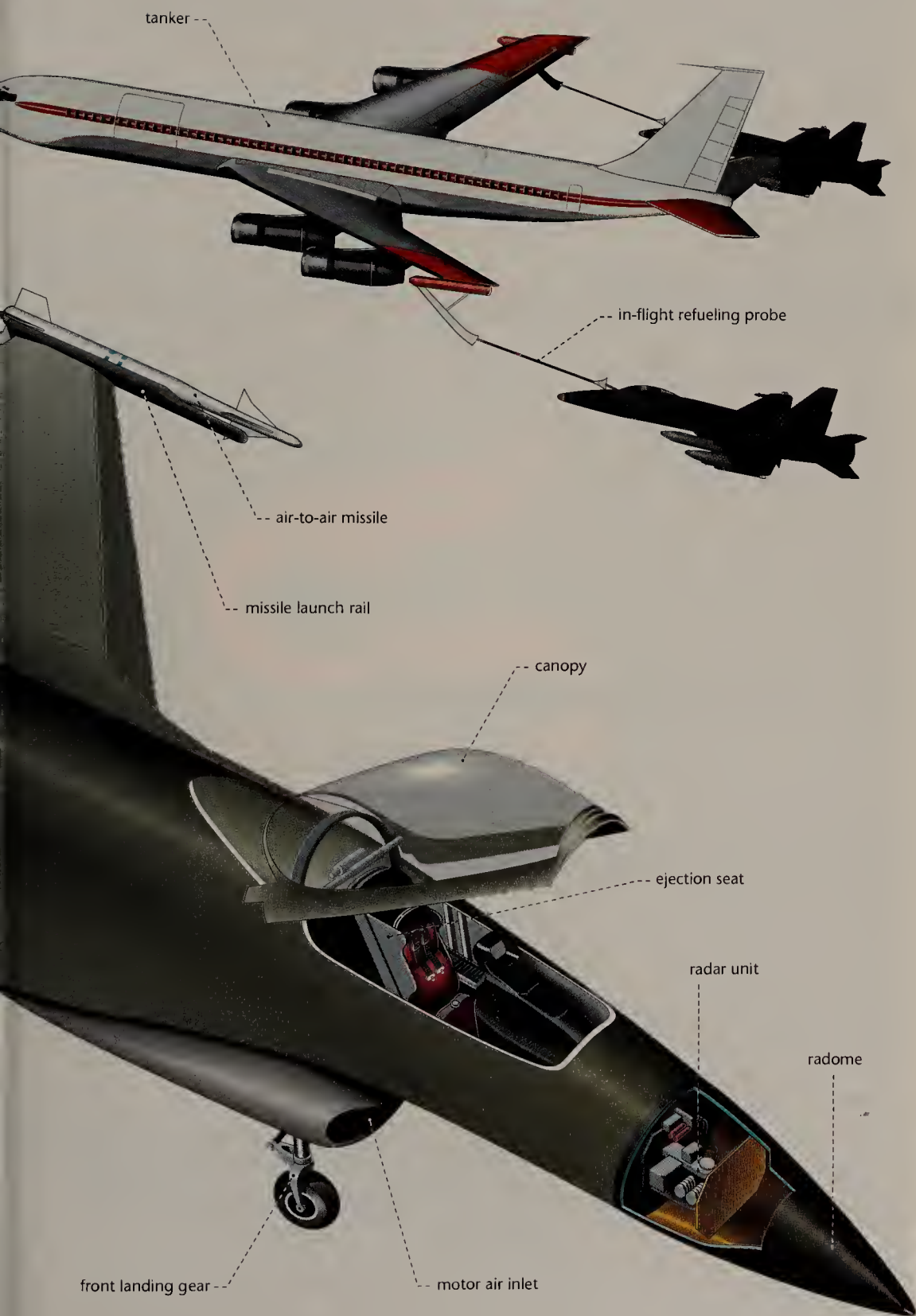
AIRCRAFT CARRIER



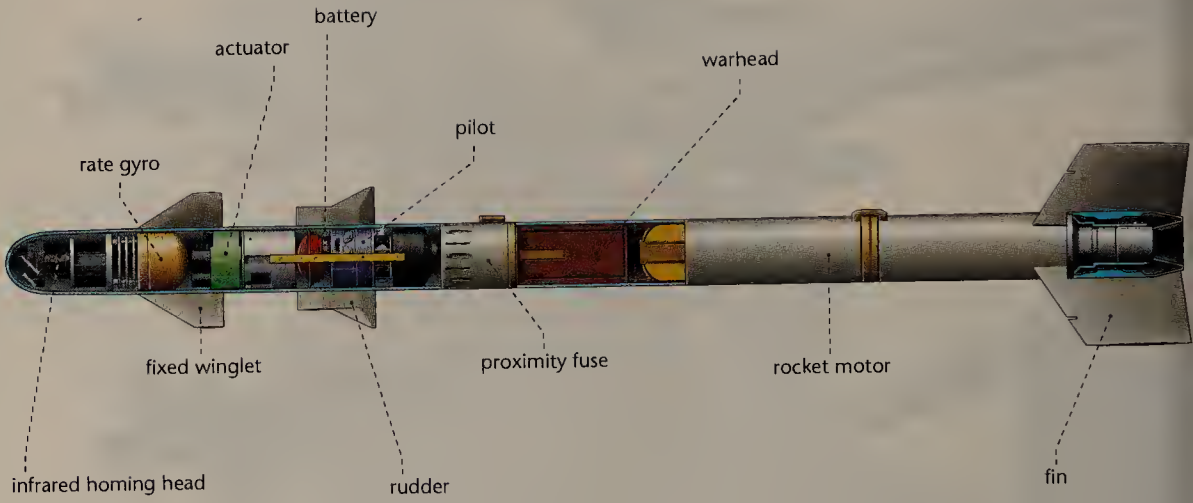




IN-FLIGHT REFUELING



STRUCTURE OF A MISSILE



MAJOR TYPES OF MISSILES



surface-to-air missile



air-to-air missile



anti-radar missile



anti-ship missile



surface-to-subsurface missile



anti-tank missile



air-to-surface missile

SYMBOLS



CONTENTS

HERALDRY817

SIGNS OF THE ZODIAC.....820

SAFETY SYMBOLS.....821

COMMON SYMBOLS.....822

ROAD SIGNS.....824

FABRIC CARE.....829

COMMON SCIENTIFIC SYMBOLS830

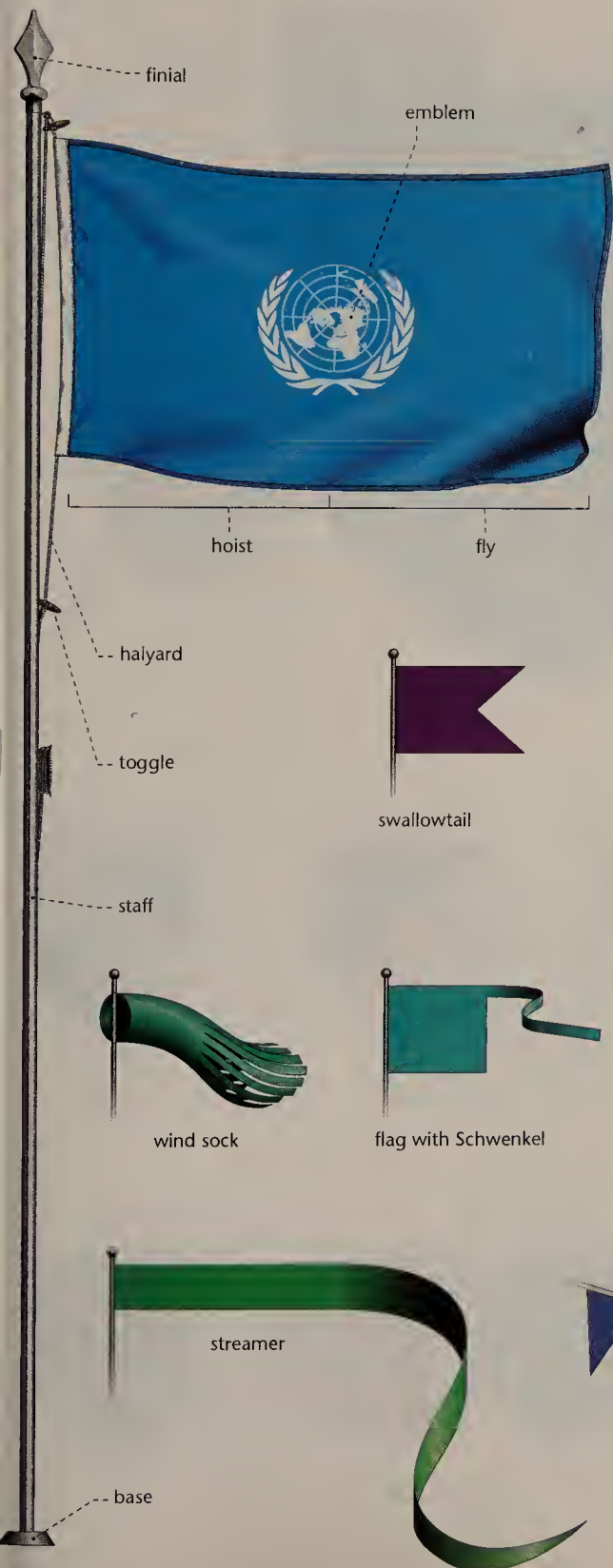
DIACRITIC SYMBOLS.....832

PUNCTUATION MARKS.....832

EXAMPLES OF CURRENCY ABBREVIATIONS.....832

PARTS OF A FLAG

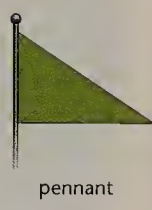
FLAG SHAPES



square flag



rectangular flag



pennant



double pennant



swallowtail



swallowtail and tongue



burgee



wind sock



flag with Schwenkel



gonfalon



oriflamme



streamer



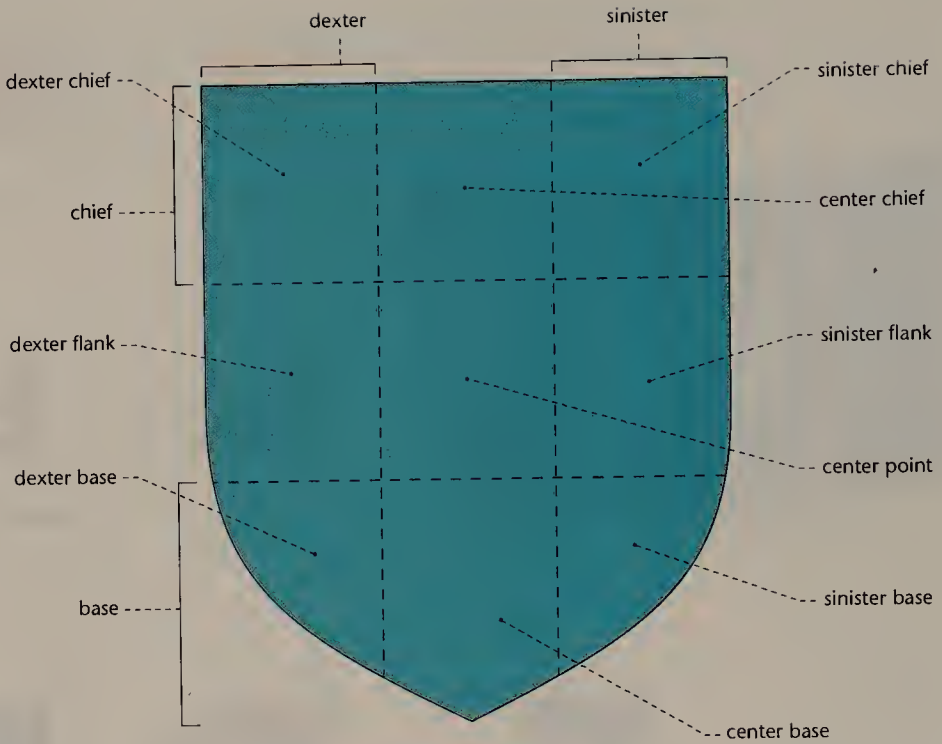
bunting



fanion

HERALDRY

SHIELD DIVISIONS



EXAMPLES OF PARTITIONS



per fess



party



per bend



quarterly

EXAMPLES OF ORDINARIES



chief



chevron



pale



cross

EXAMPLES OF CHARGES



fleur-de-lis



crescent



lion passant



eagle

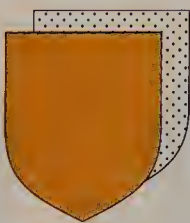


mullet

EXAMPLES OF METALS



argent



or



ermine



vair

EXAMPLES OF FURS



azure



gules



vert



purple



sable

EXAMPLES OF COLORS

SIGNS OF THE ZODIAC

FIRE SIGNS



Aries the Ram (March 21)



Leo the Lion (July 23)



Sagittarius the Archer (November 22)

EARTH SIGNS



Taurus the Bull (April 20)



Virgo the Virgin (August 23)



Capricorn the Goat (December 22)

AIR SIGNS



Libra the Balance (September 23)



Aquarius the Water Bearer (January 20)



Gemini the Twins (May 21)

WATER SIGNS



Cancer the Crab (June 22)



Scorpio the Scorpion (October 24)



Pisces the Fishes (February 19)

SAFETY SYMBOLS

DANGEROUS MATERIALS



corrosive



electrical hazard



explosive



flammable



radioactive



poison

PROTECTION



eye protection



ear protection



head protection



hand protection



feet protection



respiratory system protection

COMMON SYMBOLS



coffee shop



telephone



restaurant



men's rest room



women's rest room



access for physically handicapped



pharmacy



no access for wheelchairs



first aid



hospital



police



taxi transportation



camping (tent)



camping prohibited



camping (trailer)



camping (trailer and tent)



picnics prohibited



picnic area



service station



information



information



currency exchange



lost and found articles



fire extinguisher

ROAD SIGNS

MAJOR NORTH AMERICAN ROAD SIGNS



stop at intersection



no entry



yield



one-way traffic



direction to be followed



direction to be followed



direction to be followed



direction to be followed



no U-turn



passing prohibited



two-way traffic



merging traffic

MAJOR INTERNATIONAL ROAD SIGNS



stop at intersection



no entry



yield



one-way traffic



direction to be followed



direction to be followed



direction to be followed



direction to be followed



no U-turn



passing prohibited



two-way traffic



priority intersection

ROAD SIGNS

MAJOR NORTH AMERICAN ROAD SIGNS



right bend



double bend



roadway narrows



slippery road



bumps



steep hill



falling rocks



overhead clearance



signal ahead



school zone



pedestrian crossing



road work ahead

MAJOR INTERNATIONAL ROAD SIGNS



right bend



double bend



roadway narrows



slippery road



bumps



steep hill



falling rocks



overhead clearance



signal ahead



school zone



pedestrian crossing



road work ahead

ROAD SIGNS

MAJOR NORTH AMERICAN ROAD SIGNS



CDN

railroad crossing



deer crossing



closed to pedestrians



closed to bicycles



closed to motorcycles



closed to trucks

MAJOR INTERNATIONAL ROAD SIGNS



railroad crossing



deer crossing



closed to pedestrians



closed to bicycles



closed to motorcycles



closed to trucks

FABRIC CARE

WASHING



do not wash



hand wash in lukewarm water



machine wash in lukewarm water at a gentle setting/reduced agitation



machine wash in warm water at a gentle setting/reduced agitation



machine wash in warm water at a normal setting



machine wash in hot water at a normal setting



do not use chlorine bleach



use chlorine bleach as directed

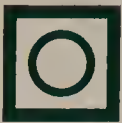
DRYING



hang to dry



dry flat



tumble dry at medium to high temperature



tumble dry at low temperature



drip dry

IRONING



do not iron



iron at low setting



iron at medium setting



iron at high setting

COMMON SCIENTIFIC SYMBOLS

MATHEMATICS

—

subtraction

+

addition

X

multiplication

÷

division

=

is equal to

≠

is not equal to

≈

is approximately equal to

∫

is equivalent to

≡

is identical with

≢

is not identical with

±

plus or minus

∅

empty set

>

is greater than

≥

is equal to or greater than

<

is less than

≤

is equal to or less than

∪

union

∩

intersection

⊂

is contained in

%

percent

∈

belongs to

∉

does not belong to

√

square root of

Σ

sum

∞

infinity

∫

integral

!

factorial

GEOMETRY

°

degree

'

minute

"

second

π

pi

⊥

perpendicular

∠

acute angle

⊓

right angle

∟

obtuse angle

||

is parallel to

∦

is not parallel to

BIOLOGY



male



female



birth

Rh+

blood factor positive

Rh-

blood factor negative



death

CHEMISTRY



negative charge



positive charge



reversible reaction



reaction direction

MISCELLANEOUS



recycled



recyclable



ampersand



registered trademark



copyright



prescription



pause/still



stop



rewind



play



fast forward

DIACRITIC SYMBOLS


acute accent


umlaut


grave accent


circumflex accent


cedilla


tilde


PUNCTUATION MARKS


semicolon


period



comma

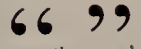

ellipses


colon


asterisk


quotation marks
(French)


single quotation marks



quotation marks


dash


parentheses


virgule


exclamation point



question mark


square brackets

EXAMPLES OF CURRENCY ABBREVIATIONS


dollar


cent


pound


yen


franc


deutsche mark


drachma


lira


krone


shekel


European Currency Unit


escudo


peseta


florin

A

a 537.
 abacus 166, 167.
 abdomen 78, 79, 81, 91, 108, 116, 118.
 abdominal aorta 126, 132.
 abdominal cavity 127, 128.
 abdominal rectus 120.
 abdominal segment 78.
 ablutions fountain 172, 173.
 aboveground pipeline 740.
 abruptly pinnate 56.
 absorbent cotton 725.
 absorbing plate 768.
 absorbing surface 772.
 abutment 176, 454, 455, 456.
 abyssal hill 29.
abyssal plain 29.
 abyssal plain 29.
 acanthus leaf 167, 220.
 acceleration lane 452.
 accelerator cable 271.
 accelerator control 272.
 accent mark 539.
 accept machine 764.
access for physically handicapped 822.
 access gallery 747.
 access panel 207.
 access road 502.
 access shaft 752.
 access window 529.
 accessory box 568.
 accessory gear box 501.
 accessory pocket 429.
 accessory pouch 684.
 accessory shoe 391, 409.
accidentals 538.
accordion 536.
accordion bag 380.
accordion pleat 335.
account book 518.
Ac 695.
 acetylene cylinder 306.
 acetylene valve 306.
 achene 62, 66.
 acid precipitation 32, 33, 35.
acorn nut 279.
 acoustic ceiling 189.
acoustic guitar 546.
 acoustic meatus 138, 139.
 acromion 123.
 acroterion 167, 168.
 action lever 541.
 action of wind 35.
 active tracking 402.
 actual temperature 213, 705.
 actuator 814.
 actuator arm 529.
 actuator arm motor 529.
acute accent 832.
acute angle 830.
 Adam's apple 116.
 adaptor 399.
 add in memory 523.
 add key 523.
addition 830.
 additional production personnel 412.
 adductor muscle 92.
 adhesive bandage 725.
 adhesive disk 85.
 adhesive tape 725.
 adipose tissue 129, 136.
 adjustable antenna 722.
 adjustable channel 278.
 adjustable clamp 234.
 adjustable frame 277.
adjustable lamp 234.
 adjustable platen 521.
 adjustable seat 460.
adjustable spud wrench 299.
 adjustable strap 350.
 adjustable waist tab 322.
 adjuster 728.
 adjusting band 406.
 adjusting buckle 645.
 adjusting catch 641.
 adjusting lever 539.
 adjusting screw 278, 282, 306.
 adjusting tube 659, 661.
 adjustment for horizontal-circle image 713.
 adjustment for vertical-circle image 713.
 adjustment knob 428.
 adjustment pedal 591.
 adjustment slide 323.

adjustment wheel 311.
 administrative building 752.
 advertising panel 474.
 advertising sign 477.
adze 587.
 adze 681.
 aerator 294, 295.
aerial ladder truck 780.
 aerodynamic brake 774.
 Africa 21.
Afro pick 368.
 aft shroud 16.
 afterbay 746, 747, 749, 750.
 afterfeather 110.
 aftermast 478.
 agitator 258.
 aileron 498, 638.
 air 437.
 air bladder 89.
 air brake 638, 812.
 air brake handle 639.
air bulb shutter release 393.
 air cap 304.
 air chamber 298.
 air communications 417.
 air compression unit 458.
 air compressor 469.
air concentrator 370.
 air conditioner 449.
 air conditioner compressor 435.
air conditioning 214.
 air conditioning unit 415.
 air control radar 810.
 air data computer 500.
 air fan 161.
 air filter 210, 272, 469.
 air flow 590.
 air gap 772.
 air hole 385, 389.
 air horn 440.
 air hose 590, 627, 734.
 air hose connection 304.
 air inlet 443, 501, 508.
 air inlet control 204.
 air intake 14, 493.
 air leg 734.
 air lock 806.
air mattress 687.
 air navigation device 810.
air pressure, measure 41.
 air pump 453.
air purifier 210.
 air scoop 445.
 air sealing gland 543.
 air search radar 809, 811.
air signs 820.
 air space 14, 109.
air start unit 506.
 air temperature 38.
 air tube 209.
 air unit 352.
 air valve 304, 590.
 air vent 257.
 air-cleaner filter 783.
 air-inlet grille 370.
 air-outlet grille 370.
 air-pressure pump 710.
 air-supply tube 777.
 air-to-air missile 813, 814.
 air-to-surface missile 814.
 air/fuel mixture 436.
airbrush 590.
airbrush, cross section 590.
aircraft carrier 810.
aircraft maintenance truck 506.
 airframe 637.
 airlock 14.
 airplane 722.
airport 502, 504, 506.
 airport 52.
 airspeed indicator 639.
 aisle 177.
 ala 141.
 alarm threshold display button 485.
 alarm threshold setting 485.
 albumen 109.
 alcohol bulb 705.
 alcohol column 705.
 alidade 41, 713.
 alidade level 713.
 alighting board 82.
 alley 614, 618.
 almond 63, 66.
 alphanumeric keyboard 422, 530.
alpine skier 640.
alpine skiing 640.
Alsace glass 237.
 Altar 13.
altazimuth mounting 15.

alteration line 565.
 alternator 434, 468.
 alternator warning light 431.
 altimeter 635, 639.
 altitude clamp 720, 721.
 altitude fine adjustment 720, 721.
 altitude scale 19.
 altocumulus 44.
 altostratus 44.
 alula 110.
 aluminum layer 405.
 alveolar bone 144.
 AM antenna 400.
 ambulatory 177.
American betting layout 700.
American corn bread 153.
American football, playing field 604.
american plug 309.
American roulette wheel 700.
American white bread 153.
amethyst 362.
 ammunition stowage 805.
ampersand 831.
amphibians 84.
amplification of seismic waves 714.
amplifier 402.
 amplifier 714.
amplifier's back 400.
 ampulla of fallopian tube 129.
 anal fin 87.
 anal proleg 78.
analog watch 706.
analytical balance 709.
anchor 483.
 anchor 656.
 anchor pin 432.
 anchor wires 738.
 anchor-windlass room 495, 497.
 anchorage block 456.
anchors, types 483.
ancient costume, elements 315, 316, 318.
 anconeus 121.
andirons 205.
 Andromeda 11.
 anemometer 41.
Anik-E 418.
animal cell 115.
 ankle 116, 118.
ankle boot 357.
ankle length 325.
ankle/wrist weight 665.
anklet 344.
 announcer turret 407.
 annual ring 59.
 annular combustion chamber 501.
 annular eclipse 8.
 annulet 167.
 anode rod 297.
 anorak 353.
 ant 77.
 Antarctic Circle 3.
 Antarctica 20.
 antifex 169.
 antenna 16, 43, 78, 79, 80, 81, 91, 408, 427, 498, 508, 613, 805, 810.
 antennae cleaner 80.
 antennule 90.
 anterior chamber 140.
 anterior end 95.
 anterior notch 139.
 anterior root 135.
 anterior tibial 120.
 anterior tibial artery 126.
 anther 60.
 anti-aircraft missile 808.
 anti-friction pad 641.
 anti-radar missile 814.
 anti-ship missile 814.
 anti-skating device 404.
 anti-slip shoe 302, 661.
 anti-tank missile 814.
anti-tank rocket 804.
 anti-torque tail rotor 508.
 anti-vibration handle 272.
 anticline 737.
 anticollision light 498.
 antihelix 139.
 antimissile self-defense 808.
 antireflection coating 768.
 antiseptic 725.
 antitragus 139.
 anus 89, 92, 127, 128, 131.
 anvil 711.
 aorta 125, 130.
 aortic valve 125.
 aperture 94.

artichoke 69.
articulated mannequin 592.
 articulation 431.
artificial fly 670.
 artificial satellite 19.
 ascending aorta 124.
 ascending colon 131.
ascot tie 324.
 ash 386.
 ash layer 25.
ashtray 386.
 Asia 21.
 asparagus 72.
 asphalt 745.
asphalt shingle 286.
 asphalt still 745.
 aspirin 725.
 assist grip 429.
 assistant timer 626.
asterisk 832.
 asteroid belt 4.
 asthenosphere 22.
 astragal 167, 800.
astronomical observatory 14.
asymmetrical bars 659.
 athletic shirt 325.
 Atlantic Ocean 20.
 atlas 102, 123.
 atmosphere 22, 31.
 atoll 28.
 atrium 170.
attaché case 378.
attached curtain 228.
 attack line 613.
 attack on human being 35.
 attack on nature 35.
 attack periscope 807.
 attack zone 613.
 attacking zone 608.
 audio console 407, 412, 415.
 audio control room 412, 415.
 audio monitor 407, 412, 413, 415.
 audio monitoring selector 413.
 audio system 430.
 audio technician 412, 415.
 audio volume unit meters 413.
 audio/video preview unit 413.
 auditorium 16.
auditory ossicles 138.
 auditory ossicles 139.
auger bit 281.
 auger bit 270.
 auricle 81, 138.
auricle, ear 139.
 auriculars 109.
 Auriga 11.
 Australia 21.
 auto answer indicator 420.
 auto reverse button 408.
 auto/manual range 310.
 autofocus on/off switch 397.
 automatic dialer index 420.
automatic drip coffee maker 247.
automatic rifle 796.
 automatic sorting trays 532.
 automatic tank gauge 741.
 automatically-controlled door 504.
automobile 425, 426, 428, 430, 432, 434, 438.
automobile car 473.
 autopilot controls 500.
 autumn 8.
 autumn squash 69.
 autumnal equinox 8.
 auxiliary facilities room 412.
 auxiliary handle 280.
auxiliary heating 211.
 auxiliary projector 16.
 auxiliary tank 441.
 auxiliary video switcher 413.
 avenue 52.
 average key 396.
 avocado 68.
 awl 688.
 awning channel 449.
 axial compressor blade 501.
 axial rib 94.
 axillary artery 126.
 axillary bud 57.
 axillary nerve 133.
 axillary vein 126.
 axis 123.
 axle 468, 645.
 axon 135.
 axon hillock 135.
 azimuth clamp 720, 721.
 azimuth fine adjustment 720, 721.
azure 819.

B

b 537.
baby doll 348.
back 322.
 back 101, 106, 108, 117, 119, 223, 239, 240, 241, 242, 277, 288, 386, 727, 793.
 back beam 573.
back belt 330.
 back binding 633.
 back board 577.
 back boundary line 618.
 back check 541.
 back crossbar 645.
 back judge 603, 605.
 back line 611.
 back pad 609, 653.
back pocket 323.
 back score line 620.
 back strap 653.
 back wall 616, 617.
 back zone 613.
back-hoe 782.
 back-hoe controls 782.
 backboard 610.
 backcourt 614, 617.
 backdrop 188.
backgammon 697.
 backguard 255, 258, 259.
backing 579.
 backing board 579.
backing hammer 579.
 backing plate 432.
backing press 579.
 backrest 428, 445.
 backstay 479, 644.
 backstep 778.
 backstretch 651.
backstroke 623.
backstroke start 623.
 backstroke turn indicator 621.
 backup light 429.
 backward 624.
 backward bucket 782.
 backward bucket cylinder 782.
backward dive 625.
badminton 618.
badminton racket 618.
badminton, court 618.
badminton, net 618.
 baffle 216.
 bag well 679.
 baggage cart 463.
 baggage check-in counter 504.
 baggage claim area 504.
 baggage compartment 458, 508.
baggage conveyor 507.
 baggage lockers 463.
 baggage racks 492.
 baggage room 462.
baggage trailer 507.
bagpipes 536.
baguette cut 363.
 bail 599.
 bail arm 671.
 bail arm opening mechanism 671.
 bailer 180.
Bailey bridge 457.
 baize 675.
 bakelite® body 804.
baking utensils 245.
balaclava 329.
balalaika 535.
balance beam 659.
 balance control 402.
 balance rail 541.
 balcony 189.
 balk area 674.
 balk line 674.
 balk line spot 674.
ball 598, 795.
 ball 530, 565, 575, 683.
 ball assembly 294.
 ball bearing 389.
 ball boy 614.
 ball of clay 584.
 ballpeen 275.
 ball return 683.
 ball stand 683.
 ball winder 575.
 ball-cock supply valve 293.
ball-peen hammer 275.
ball-type faucet 294.
 ballast 466.
ballerina 356.
balloon 634.
 balloon 634.
balloon curtain 229.

ballooning 634.
ballpoint pen 389, 515.
 ballroom 497.
 balustrade 194.
 banana 68.
 band 404.
band ring 364.
 band selector 402.
 bandage 669.
banding wheel 584.
bangle 364.
 banister 201.
banjo 535.
 bank 451, 752.
 bank of heliostats 770, 771.
banquette 222.
 bar 104, 376, 554, 662, 663, 665, 697.
 bar frame 235.
 bar line 537.
 bar nose 272.
 bar shot 801.
bar stool 222.
 barb 38, 110, 671.
harbell 663.
barber comb 368.
 barbitan 180.
baren 582.
 bargraph type peak meter 407.
 bark 59.
barley 152.
 barn 148.
 barograph 41.
 barometer scales 710.
barometer/thermometer 710.
 barometric pressure 38.
 barometric tendency 38.
 barrack buildings 179.
 barred spiral galaxy 9.
barrel 800.
 barrel 370, 389, 698, 795, 796, 797, 798, 799, 802, 804.
 barrel jacket 796.
barrette 369.
 barrier 186.
 bartizan 178, 181.
 basaltic layer 22.
 base 166, 204, 232, 233, 236, 252, 283, 368, 404, 410, 450, 466, 471, 579, 656, 661, 708, 712, 718, 774, 799, 817, 818.
 base course 451.
 base line 719.
 base of splat 220.
 base plate 40, 284, 404, 641, 713, 719.
 base plug 804.
 base ring 800.
 base width 756.
baseball 595, 596.
baseball, cross section 596.
baseball, field 597.
 baseboard 199, 201, 399.
baseboard register 207.
 baseline 614.
basement 190.
 basement 197.
 basement window 197.
 baseplate 803.
basic building materials 286.
basic components 528, 530.
 basic source of food 31.
basic weaves 576.
 basil 74.
 basilic vein 126.
 basin 752.
 basin side 752.
basin wrench 299.
basket 610, 635.
 basket 247, 252, 258, 610, 634, 641, 642.
basket bandle 174.
 basket handle 635.
basket stitch 567.
 basket suspension cables 634.
basket weave pattern 200.
basketball 610.
basketball, court 610.
 bass bridge 540.
 bass clarinet 556.
 bass drum 552, 557.
 bass keyboard 536.
 bass pickup 547.
 bass register 536.
 bass tone control 402.
 bass trap 412.
 bassoon 548.
 bassoons 557.
baster 246.
 bastion 179.

bat 112, 596, 598.
 bat 160, 595, 598.
bateau neck 343.
 bath 215.
bathing wrap 349.
bathrobe 348.
bathroom 292.
 bathroom 194, 195.
bathroom scale 709.
 bathtub 194, 292.
 batsman 599.
 battener 188, 231, 628, 631, 637.
 batten pocket 628, 631.
batter 595.
 batter 597.
 batter head 552, 553.
 batter's helmet 595.
battery 393, 439.
 battery 409, 468, 528, 769, 777, 814.
 battery box 441.
 battery case 439.
 battery cover 439.
 battery eject switch 409.
 battery modules 43.
 battery radiator 49.
 batting glove 595.
 battlement 179, 181.
battwing sleeve 339.
 bay 7, 51.
 bay antler 105.
 bay window 197.
 bayonet base 232.
 bayonet mount 392.
bazooka 804.
 beach 23, 30.
 bead 433.
 bead wire 433.
 beam 105, 156, 659, 708.
beam balance 708.
beam bridge 454.
beam bridges, types 454.
 beam diameter reduction 717.
 beam gantry 756.
 beam reach 629.
bean bag chair 222.
 bean sprouts 72.
 bearer 543.
 bearing pad 765.
 beater 156, 250, 572.
 beater ejector 250.
 beater handtree 572.
 beater sley 572.
beaters 250.
beayer 98.
 beaver 792.
bed 224, 687.
 bed 450, 578, 659.
 bed chamber 170.
bed lamp 234.
 bedrock 714.
 bedroom 194, 195, 685.
beer mug 237.
 beet 71.
 beginner's course 646.
 belfry 175, 176.
 bell 549, 551.
bell bottoms 336.
 bell brace 549.
bell roof 183.
 bell tower 175.
 bellow 543.
 bellows 399, 536.
 bellows strap 536.
 belly 101.
 belly scale 97.
belongs to 830.
belt 323.
 belt 319, 433, 668.
 belt drive 492.
 belt highway 52.
 belt loader 733.
 belt loop 319, 323, 688.
bench 222.
 bench 475, 663, 733.
 bench height 733.
 bench seat 428.
 bend 376, 671.
bent blade 587.
 Berenice's Hair 11.
beret 329.
bergère 220.
 bergschrund 26.
 Berging Sea 21.
 berm 748.
Bermuda sail 482.
Bermuda shorts 336.
berries, major types 62.
berry fruits 62.
berry, section 62.
 berth 460.

bertha collar 342.
bevel 726.
bevel square 713.
bezel 364.
bezel facet (8) 363.
bias 566.
blas-ply tire 433.
blb 349.
blb 350, 351, 667.
blb necklace 361.
biceps of arm 120.
biceps of thigh 121.
biconcave lens 722.
biconvex lens 722.
bicorne 318.
bicycle 446, 448.
bicycle bag 448.
bicycle, accessories 448.
bidet 292.
bfocal lens 376.
bklnl 347.
bklnl briefs 325.
bill 108, 483.
bill compartment 379.
bill-file 516.
billfold 379.
billhook 269.
billiard cue 675.
billiard spot 675.
billiards 673.
blils, principal types 111.
bimetallic helix 705.
blmetallic thermometer 705.
binder 159.
binding 328, 642.
bindings 633.
binocular microscope 718.
biology 831.
biomedical monitoring sensor 512.
biosphere, structure 31.
biparous cyme 60.
bipod 796, 803.
bird 108, 110.
Bird of Paradise 13.
bird of prey 111.
bird, morphology 108.
birth 831.
81shop 666.
bishop sleeve 340.
bit 385, 648, 734, 737.
bits, types 650.
bitter taste 143.
blvalve shell 95.
8lack 696, 700, 701.
black ball 673.
black currant 62.
black rye bread 153.
black salsify 71.
8lack Sea 21.
black square 696.
black stone 697.
blade 783.
blade 57, 214, 239, 242, 251, 256, 268, 271, 276, 277, 284, 285, 291, 304, 309, 369, 374, 562, 564, 607, 609, 619, 627, 632, 644, 666, 672, 681, 754, 774, 783, 784.
blade close stop 369.
blade guard 285.
blade height adjustment 285.
blade injector 374.
blade lever 578.
blade lift cylinder 783.
blade lift fan 492.
blade lifting mechanism 784.
blade locking bolt 284.
blade rotation mechanism 784.
blade tilting lock 284.
blade tilting mechanism 284, 285.
blade with two beveled edges 587.
blades, major types 587.
blank 695.
blanket 224.
blanket insulation 287.
blanket sleepers 350.
blast valve 635.
blastodisc 109.
blazer 338.
bleeder valve 208.
blender 250.
blending attachment 250.
blinker 653.
block 542, 656, 787.
block bracket 230.
block cutter 581, 587.
blockboard 288.
blood circulation 124, 126.
blood circulation, schema 124.
blood factor negative 831.
blood factor positive 831.
blood vessel 136.
blood vessels 112.
blouses, types 337.
blow pipe 536.
blower 207, 213, 543, 760.
blower motor 207, 214.
blucher oxford 355.
blue ball 673.
blue beam 410.
blue cap 626.
blue flag 626.
blue line 608.
blue mussel 93.
blueberry 62.
blueprint reading 193, 195.
blusher brush 366.
board 288.
board 288, 631.
board cutter 578.
board insulation 287.
boarding room 505.
boarding step 508.
boarding walkway 503.
boards 608.
boater 328.
bobber 672.
bobbin 570.
bobbin 561, 562, 570, 573.
bobbin case 562.
bobbin lace 570.
bobbin winder 561, 575.
bobby pin 369.
bobeche 236.
bobsled 643.
bobstay 479.
bodies, types 425.
body 426.
body 143, 252, 256, 281, 294, 295, 445, 449, 453, 542, 546, 549, 645, 658, 670, 707, 719.
body flap 511.
body guard molding 449.
body of fornix 134.
body of nail 137.
body pad 609.
body shirt 337.
body side molding 427.
body suit 345.
body temperature control unit 512.
body tube 718.
body whorl 94.
body wire 666.
boiler 209.
boiler 208, 771.
boiling-water reactor 763.
bole 59.
bolero 338.
boletus 55.
bolster 224, 239, 242.
bolt 279.
bolt 278, 282, 290, 793.
bolt assist mechanism 796.
bonding jumper 312.
bone folder 577.
boning knife 242.
bonnet 294, 295.
book ends 517.
bookbinding leather 579.
booking hall 462.
boom 628, 782, 785.
boom cylinder 782, 785.
boom truck 506.
boom vang 628.
booster parachute 510.
boot 356.
boot 542, 627, 635, 644, 645, 648.
boot jack 358.
bootee 354.
8ootes 11.
borage 74.
bordeaux glass 237.
border 188, 189.
bore 801.
bottle cart 306.
bottle opener 244, 688.
bottom 633, 640.
bottom bracket axle 448.
bottom cylinder 581.
bottom deck 741.
bottom deckboard 787.
bottom line 621.
bottom of the pool 626.
bottom pocket 675.
bottom rail 202, 225, 231.
bottom ring 753.
bottom road 736.
bottom side rail 470.
bottom-end transverse member 470.
bottom-fold portfolio 378.
bottomboard 543.
boulevard 52, 184.
bound book 577.
bow 544, 793.
bow 328, 497, 628, 631, 793.
bow collar 342.
bow door 493.
bow loading door 494.
bow saw 690.
bow thruster 497.
bow tie 324.
bow window 197.
bowl 682.
bowl 241, 251, 385, 484, 784.
bowl with serving spout 251.
bowler 599.
bowline 691.
bowline on a bight 691.
bowling 683.
bowling ball 683.
bowling crease 599.
bowling lane 683.
bowls and petanque 682.
bows 793.
bowsprit 479.
bowstring 684, 793.
box 156, 189, 204, 209.
box bag 381.
box car 470, 472.
box end wrench 279.
box pallet 787.
box pleat 228.
box spring 224.
boxer 669.
boxer shorts 325.
boxer shorts 353.
boxing 669.
boxing gloves 669.
bra 346.
brace 281.
brace 198, 302, 757.
bracelets 364.
brachial 120.
brachial artery 126.
brachial plexus 133.
brachioradialis 120, 121.
bracket 231.
bracket base 225.
bract 66.
braided rope 692.
brail 480.
brain 88.
brake 664, 727.
brake cable 447.
brake caliper 442.
brake handle 445.
brake lever 447.
brake line 432.
brake lining 432.
brake loop 636.
brake pad 432.
brake pedal 430, 641.
brake shoe 432.
brakelight 429.
brakeman 643.
branch 58.
branch 59, 61, 72, 104, 215, 649, 726.
branch clip 726.
branch duct 206.
branch return pipe 208.
branch supply pipe 208.
branches 59.
branching, plumbing 298.
brandy snifter 237.
brass family 550.
brassiere cup 346.
brattice 181.
brayer 581.
8razil nut 66.
bread 153.
bread and butter plate 238.
bread guide 252.
bread knife 242.
break line 341.
breaker 30.
breast 129.
breast 108, 116, 118.
breast beam 572.
breast collar 653.
breast cut 320.
breast pocket 320, 324.
breast welt pocket 322.
breastplate 792.
breaststroke 622.
breaststroke kick 622.
breaststroke turn 622.
breather valve 741.
breathing in 622.
breathing out 622.
breach 549.
breach guard 549.
breachblock 798, 799, 802.
breachblock operating lever assembly 802.
breaches 315.
breaches 317, 667, 791.
brick 286.
brick wall 199.
bricklayer's hammer 291.
bridge 674.
bridge 52, 230, 376, 491, 544, 546, 719, 810.
bridge assembly 547.
bridging 198.
bridle 649.
bride 653.
bride assembly 486.
bride tape 541.
briefcase 378.
briefs 346.
briefs 325.
brig 482.
brigantine 482.
brightness control 529.
brilliant cut facets 363.
brilliant full cut 362.
brim 328, 329.
brillette cut 363.
bristle 373, 374.
bristles 304.
broad beans 72.
broad ligament of uterus 129.
broad reach 629.
broad welt side pocket 339.
broad welt side pocket 319, 330.
broad-leaved endothie 73.
broadcast satellite communication 416.
broadcast of back 121.
broadcasting 794.
broccoli 69.
brooch 364.
brood chamber 82.
brook 676.
broom 205.
brow brush and lash comb 367.
brow reinforce 792.
brow line 105.
browband 649.
brown ball 673.
Brunn's membrane 142.
brush 304, 582, 589.
brush 152, 373.
brush and rails 647.
brush and rails 646.
8russels sprouts 73.
bubble 443.
bucket 754, 782.
bucket cylinder 782, 785.
bucket hinge pin 782.
bucket lever 782.
bucket ring 754.
bucket seat 428.
bucket tooth 782.
bucket wheel excavator 733.
buckle 323, 380, 428, 566, 641.
buckwheat 152.
bud 70.
buffer tank 740.
buffet 227.
bugle 550.
building materials 286, 288.
building sewer 215, 216.
built-in microphone 409.
bulb 72, 104, 232, 233, 310.
bulb dibble 268.
bulb unit 752.
bulb vegetables 70.
bulbil 70.
bulbocavernous muscle 127.
bulk terminal 490.
bulthead 441.
bulkhead flat car 473.
8ull 11.
bull's-eye 684, 698.
bulldozer 783.
bulldozer 733.
bullet 798.
bullion stitch 571.
bulwark 478.
bumper 260, 426, 440, 441, 464.
bumper guard 617.
bumps 826, 827.
bunch 384.
bunch of grapes 61.
bund wall 741.
bundle 72, 756.
bunker 676.
bunker oil 745.
bunker silo 149.
bunting 817.

bunting bag 349.
buoyage regions 488.
 buoyancy compensator 627.
 burgee 817.
burgundy glass 237.
 burned gases 436.
 burner 209, 248, 634, 635, 689.
 burner frame 689.
 burner gas tube 297.
 burner ring 248.
burnisher 582.
 burr 105.
 bursting charge 804.
 bus 190.
 bus module 49.
 bus shelter 186.
 bus stop 186.
 busbar 747.
 bush 263.
 bushing 746, 747, 757.
 bustie 316.
 butane tank 386.
 butt 386, 568, 579, 615, 670, 675, 796, 797.
 butt cap 670.
 butt end 609.
 butt grip 671.
 butt guide 671.
 butt plate 795, 798, 799.
 butt section 670.
butt welding 307.
 butt-strap 376.
 butte 46.
 butter compartment 254.
butter curler 242.
butter dish 238.
butter knife 239.
butterfly 78, 79.
 butterfly kick 623.
butterfly stroke 623.
 butterfly turn 623.
butterfly, hind leg 78.
 buttock 117, 119, 127, 128.
 button 232, 324, 326, 530, 536, 666, 800.
 button loop 323.
 button strap 351.
buttondown cellar 324.
 buttoned placket 324, 326.
 buttonhole 319.
 buttress 176, 750.
buttress dam 750.
buttress dam, cross section 750.
 by-pass taxiway 502.
 bypass duct 501.
 bypass feeder 532.

C

c 537.
 c clef 537.
 C degrees 705.
C-clamp 282.
 cab 147, 160, 445, 782, 783, 784, 785.
 cabbage lettuce 73.
 cabin 496, 508.
 cabinet 258, 259, 410.
cable 692.
 cable 280, 406, 408, 660, 663, 684, 692.
 cable distributor 416.
 cable drum compartment 415.
 cable guard 684.
cable ripper 311.
cable shutter release 393.
 cable sleeve 280.
 cable stay anchorage 456.
cable stitch 567.
cable-stayed bridges 456.
 cables 414.
cabochoon cut 363.
caboose 473.
 cabriole leg 220.
cabriole 220.
 Caelum 13.
 café curtain 228.
cake mascara 367.
cake pan 245.
cakes 588.
 calamus 110.
 calandria 759.
 calcaneus 103, 123.
 calcar 112.
calculator 523.
 calculator 379.
 calculator dial 396.
calendar pad 518.
calf 151.
 calf 117, 119.

caliper 583.
 caliper 432.
call director telephone 422.
 Callisto 4.
 calls indicator 420.
 calm 38.
 calyx 60, 62, 67, 132.
 cam ring 281.
 cambium 59.
 Camelopardas 11.
camera 414.
 camera 16, 412, 414.
camera back 390.
 camera body 391.
 camera control area 415.
 camera control technician 412, 415.
 camera control unit 412, 415.
 camera pedestal 414.
 camera platform 393.
 camera platform lock 393.
 camera screw 393.
 camera viewfinder 414.
camlock 345.
camping 685, 686, 690.
camping (tent) 823.
camping (trailer and tent) 823.
camping (trailer) 823.
camping equipment 688, 690.
camping prohibited 823.
camping tools 690.
camping, accessories 689.
 camshaft 434.
can opener 256.
 can opener 244, 688.
Canadian football, playing field 604.
 canal bed 492.
canal lock 492.
 canal lock 490.
 Cancer 11.
Cancer the Crab (June 22) 820.
candlepin 683.
cane pen 389.
canes 728.
 Canes Venatid 11.
 canine 98, 144.
 Canis Major 13.
 Canis Minor 11.
canister vacuum cleaner 260.
 canned failed fuel 764.
 cannon 101, 805.
canopy 636.
 canopy 375, 636, 685, 785, 813.
 canopy release knob 639.
 cantaloupe 69.
canteen 690.
 cantilever 750.
cantilever bridge 454.
 cantilever span 454.
 cantile 649.
canvas 589.
 canvas 669.
 canvas divider 685.
cap 301, 328.
 cap 55, 201, 250, 309, 389, 398, 590, 773.
 cap iron 277.
cap sleeve 339.
cape 331.
 cape 51.
 capillary blood vessel 137.
 capillary bore 705.
 capital 51, 166.
 capitulum 60.
 caponiere 179.
 capped column 37.
 capped tee 205.
Capricorn the Goat (December 22) 820.
 Capricornus 13.
 capstan button 541.
capsule 725.
capsule, section 67.
 captain 643.
 captain's quarters 497.
 captain's seat 500.
capture 697.
car 470.
 car 630.
 car cleaning yard 465.
car coat 330.
 car deck 494.
 car repair shop 465.
 car wash 453.
carabiner 681.
 carabiner 680.
 caraco jacket 316.
 carafe 247.
 cerapace 91, 96.
caravan 449.

caraway seeded rye bread 153.
 carbon dioxide gas coolant 760.
carbon dioxide reactor 760.
 carburetor 442.
card case 379.
 card case 379.
card games 695.
card games, symbols 695.
 card reader 422.
 card support 40.
cardboard 589.
cardigan 326.
cardinal marks 488.
 cardoon 72.
 Caribbean Sea 20.
 caribou 105.
 Carina 13.
 carinassial 98.
carnivore's jaw 98.
 carnivores 31, 33.
carom billiards 673.
 carpal pad 106.
carpenter's hammer 275.
carpentry: tools 275, 276, 278, 280, 282, 284.
 carpus 102, 122.
carriage 800.
 carriage 787, 802.
 carriage control dial 569.
 carriage handle 568.
 carriage return 525.
carriages 568.
 carrier 230, 446.
carrier bag 381.
 carrot 71.
carry-on bag 382.
 carrying handle 796.
 cart path 676.
cartography 47, 50, 52.
carton 384.
cartridge 797.
 cartridge 291, 295, 389, 404, 527, 730.
cartridge (rifle) 798.
cartridge (shotgun) 799.
 cartridge drive 527.
cartridge faucet 295.
 cartridge film 395.
cartridge fuse 312.
 cartridge stem 295.
 cartridge tape recorder 407.
cartwheel hat 329.
carver's bench screw 586.
carving 586.
carving fork 242.
carving knife 242.
 case 358, 365, 539, 540, 705, 706, 710, 711, 798.
 casement 203.
casement window 203.
 cash readout 453.
 cashew 66.
 casing 203, 211, 214, 271, 702.
 casing first string 740.
 Caspian Sea 21.
cassette 403.
 cassette 408, 526.
 cassette compartment 409, 411.
 cassette deck 407.
 cassette drive 526.
 cassette eject switch 409, 411.
cassette film 395.
 cassette holder 403.
 cassette player 408.
 cassette player controls 408.
cassette tape deck 403.
 cassette tape deck 400.
 Cassiopeia 11.
cast-on stitches 567.
castanets 554.
 castanets 556.
 caster 260, 553.
castle 180.
 castle 180.
casual shoe 356.
cat 107.
cat's head 107.
 catalytic converter 439.
 catalytic reforming plant 744.
 catapult 810.
 catch glove 609.
catcher 595.
 catcher 541, 597.
 catcher's glove 595.
 catenary 459.
catering vehicle 507.
caterpillar 78.
cathedral 176.
 cathedral 184.
cathedral, plan 177.

catwalk 188.
 caudal fin 87.
 caudal vertebrae 103.
 cauliflower 69.
caulking gun 291.
cave 24.
 cave 30.
 cavernous body 127.
 CD/ROM player 526.
 cecum 131.
cedilla 832.
 ceiling 205, 616, 617.
 ceiling bracket 230.
 ceiling collar 205.
ceiling fan 214.
ceiling fitting 236.
 ceiling joist 198.
 ceiling projector 41.
ceiling register 207.
 celeriac 71.
 celery 72.
celestial coordinate system 3.
 celestial equator 3.
 celestial meridian 3.
 celestial sphere 3.
 celiac trunk 124, 132.
 cell 79, 82.
 cell body 135.
 cell membrane 115.
 cell wall 115.
 cello 545.
 cellos 557.
 cellular telephone 417.
 Celsius scale 705.
 cement screed 200.
 cementum 144.
 cemetery 52.
cent 832.
 Centaur 13.
 Centaurus 13.
 center 603, 605, 608, 610, 611, 697.
 center aisle 460.
 center back 601, 612, 613.
 center back vent 322.
 center base 818.
 center chief 818.
 center circle 601, 610.
 center console 430.
 center court 617.
 center divider strip 186.
 center electrode 439.
 center face-off circle 608.
 center field 597.
 center fielder 597.
 center flag 601.
 center forward 601, 607, 612, 613.
 center half 607.
 center hole 404.
 center line 607, 608, 610, 612, 618, 619, 620, 666, 682.
 center mark 614.
 center pocket 674.
 center point 818.
 center post 225, 427.
 center service line 614.
 center span 456.
 center spot 601, 674.
 center strap 614.
 center third 611.
 center wheel 706, 707.
 centerboard 628.
 centering 524.
 centering control 529.
 Central America 20.
 central circle 611.
 central column 774.
 central focusing wheel 719.
 central incisor 144.
 central nave 173.
central nervous system 134.
 central pumping station 740.
 central screw 579.
 centrifugal compressor 501.
 centriole 115.
 cephalic vein 126.
 cephalothorax 90.
 Cepheus 11.
cereals, principal types 152.
 cerebellum 134.
 cerebrum 134.
 cervical vertebra (7) 123.
 cervical vertebrae 102.
 cervix of uterus 128.
 Cetus 11, 13.
 chain 448, 661, 707.
 chain brake 272.
 chain drive 156, 158.
 chain guide 448.
 chain mail 792.
 chain of dunes 46.

chain of neurons 135.
chain pipe wrench 299.
chain stay 446.
chain stitch 571.
chain wheel A 448.
chain wheel R 448.
chainsaw 272.
chainsaw chain 272.
chairs, types 274.
chaise longue 223.
chalaza 109.
chalk 675.
Chamaeleon 13.
Chameleon 13.
chamois leather 358.
champagne flute 237.
chandelier 236.
change sign key 523.
channel scan buttons 411.
channel selector controls 411.
chanter 536.
chanterelle 55.
Chantilly parquet 200.
chapel 181.
character correction 525.
charcoal 588.
charge 799.
charge indicator 374.
charges, examples 819.
charging handle 796.
charging light 374.
charging plug 374.
Charioter 11.
Charleston cymbal 552.
charm bracelet 364.
charms 364.
Charon 5.
chart room 494.
chase 800.
check nut 40.
check valve 216, 306.
check-rail 467.
checkbook 379.
checkbook 379.
checkbook/secretary clutch 279.
cheek 100, 106, 118, 275, 670, 800.
cheek ring 650.
cheek strap 649.
cheese knife 239.
chemical treatment 745.
chemise 181.
chemistry 831.
cherimoya 68.
cherry 63.
chervil 74.
chess 696.
chess notation 696.
chess, men 696.
chess, movements 696.
chessboard 696.
chest 100, 116, 118.
chest expander 665.
chest protector 595, 602, 684.
chesterfield 221.
chestnut 66, 100.
chevet 177.
chevron 818.
chevron stlitch 571.
chick 150.
chick peas 72.
chicory 73.
chief 818.
chief 818.
chief timekeeper 621.
chiffonier 226.
children's clothing 349, 350.
chlmney 205.
chimney 197, 209.
chimney connection 204.
chimney pot 197.
chimney stack 197.
chin 108, 118.
chin guard 777.
chin protector 443.
chin rest 544.
chin strap 602, 777.
China Sea 21.
Chinese cabbage 73.
Chisel 13.
chisel 581.
chive 70.
chloroplast 115.
chock 681.
chock 680.
choir 177.
choir organ manual 542.
choker 361.
chord 539.
choroid 140.
Christmas tree 740.
Christmas tree 738, 740.
chromatin 115.
chromosphere 6.
chrysalis 78.
chrysalis 82.
chuck 276, 280, 281, 283, 735.
chuck key 281.
chukka 354.
church 185.
chute 736.
cicada 77.
cigar 384.
cigar band 384.
cigarette 384.
cigarette holder 384.
cigarette pack 384.
cigarette papers 384.
ciliary body 140.
ciliate 56.
cine scale 396.
circuit breaker 212, 747.
circuit vent 215.
circular body 535.
circular needle 567.
circular route 52.
circular saw 284.
circular saw blade 284.
circulating pump 208, 772.
circulation pump 763.
circumflex accent 832.
cirque 7.
cirrocumulus 44.
cirrostratus 44.
cirrus 44.
citrus fruit, section 65.
citrus fruits 65.
citrus fruits, major types 65.
citrus juicer 243, 251.
city 51.
city houses 187.
city limit 52.
clam 93.
clam cleat 630.
clam cleat 630.
clamp 309, 370, 575, 578, 642.
clamp binder 519.
clamp lever 370.
clamp spotlight 235.
clarinet 548.
clarinets 556.
clasp 378, 380.
class ring 364.
classic blouse 337.
classification yard 465.
clavicle 122.
claw 78, 80, 90, 91, 97, 106, 107, 108, 112, 275, 364, 579.
claw hammer 275.
claw, extended 107.
claw, retracted 107.
clay core 748.
cleaning brush 374.
cleaning tools 260.
cleanout 296.
clear key 523.
clear sky 39.
clear space 613.
clear-entry key 523.
cleat 630.
cleat 628.
cleated shoe 602.
cleaver 242.
clefs 537.
clew 631.
clew line 481.
click 706, 707.
cliff 7, 23, 27, 30.
climate control 430.
climates of the world 45.
climber 664.
climbing harness 680.
climbing iron 358.
climbing plant 263.
clinical thermometer 705.
clip 515.
clip 230, 389, 711.
clip earrings 361.
clipboard 519.
clippers 369.
clitoris 128.
cloche 329.
clock 407, 413, 415, 430, 714.
clock operator 610.
clock timer 253, 255.
clog 357.
close hauled 629.
close reach 629.
close-up lens 392.
closed stringer 201.
closed to bicycles 828.
closed to motorcycles 828.
closed to pedestrians 828.
closed to trucks 828.
closeness setting 374.
closet 194, 226.
closure rail 467.
cloth roller 572.
clothing guard 727.
cloud 36.
cloud ceiling, measure 41.
cloud of volcanic ash 25.
clouds 44.
clouds of vertical development 44.
clouds symbols 44.
cloudy sky 39.
clove hitch 691.
cloverleaf 452.
cloverleaf 450.
club 695.
club chair 221.
clubhouse 651, 676.
clubhouse turn 651.
clubs, golf 678.
clump of flowers 263.
clutch bag 381.
clutch housing 444.
clutch lever 272, 442, 444.
clutch pedal 430.
coach car 460.
coach's box 597.
coal mine 733, 734, 736.
coarse adjustment knob 718.
coastal features 30.
coat dress 332.
coat hook 522.
coat rack 522.
coat tree 522.
coats, types 330.
cob 72.
coccyx 122.
cochlea 139.
cochlear nerve 139.
cock 795.
cocking lever 804.
cockle 93.
cockleshell 220.
cockpit 639.
cockpit 628.
cockpit canopy 638.
cockpit ventilation 639.
cocktail cabinet 227.
cocktail glass 237.
coconut 66.
code 524.
coffee makers 247.
coffee mill 256.
coffee mug 238.
coffee pot 688.
coffee shop 822.
coffee spoon 241.
coil 714.
coil spring 231.
colling 584.
coin chute 702.
coin purse 379.
coin reject slot 702.
coin return bucket 422.
coin slot 422, 702.
colander 243.
cold air 501, 772.
cold air inlet 438.
cold coolant 771.
cold heavy water 761.
cold shed 491.
cold-water circuit 215.
cold-water riser 215.
cold-water supply line 293, 296, 297, 298.
collar 341.
collar 57, 319, 322, 324, 352, 374, 663.
collar bar 364.
collar point 324, 341.
collar stay 324.
collaret 318, 341.
collars, types 341, 342.
collateral 135.
collecting funnel 40.
collecting vessel 40.
collector 753.
collet 283, 393.
colon 832.
color chart 592.
color control 532.
color display 569.
color filter 392.
color selection filter 410.
color spray 590.
color television camera 512.
colored pencils 588.
colors, examples 819.
colter 156, 158.
colter's shaft 156.
Columbia 13.
columella 94.
columella fold 94.
column 24, 36, 166, 168, 169, 208, 236, 283, 393, 399, 455, 561, 621, 700, 701.
column crank 393.
column lock 393.
column of mercury 705.
column radiator 208.
coma 9.
Coma Berenices 11.
comb 574.
comb 792.
combat aircraft 812.
combination box and open end wrench 279.
combination lock 378.
combine harvester 160.
combine harvester 155.
combs 368.
combustion 436, 437, 501.
combustion chamber 434, 438.
comet 9.
comforter 224.
comma 832.
command control dial 391.
command key 530.
command module 509.
commander's seat 805.
commando knife 794.
commercial area 190.
commisure of lips of mouth 142.
common carotid artery 126.
common extensor of fingers 121.
common iliac artery 126, 132.
common iliac vein 132.
common periwinkle 83.
common peroneal nerve 133.
common scientific symbols 830.
common symbols 822.
common whipping 691.
communicating ramus 135.
communication antenna 810.
communication devices 526.
communication module 418.
communication panels 500.
communication set 477.
communication tunnel 510.
communications volume controls 512.
commuter train 464.
compact 366.
compact disk 405.
compact disk 408.
compact disk player 405.
compact disk player 400, 407, 408.
compact disk player controls 408.
compact disk unit 527.
compartment 701.
compass 639.
compass bridge 494, 495, 497.
compass card 484, 719.
compass meridian line 719.
competition ring 646.
competitive course 621.
completion 692.
complex dune 46.
complexus 121.
compluvium 170, 171.
compound bow 684.
compound eye 79, 80, 81.
compound leaves 56.
compressed air reservoir 469.
compressed-air cylinder 627, 777.
compression 436, 437, 501.
compression coupling 296.
compression fitting 300.
compression link 147.
compression/admission 436.
compressor 212, 517.
compressor turbine 438, 501.
computer communication 417.
computer room 807.
computer screen intensity controls 512.
computer table 521.
concave 160.
concave lens 722.
concha 139.
Concorde 19.
concrete base 714.
concrete block 286.
concrete drain 741.
concrete shielding 760, 761, 762, 763.
concrete wall 772.
condensation 35.
condensation of steam into water 767.
condensation pool 763.

condenser 717, 718, 758, 771.
condenser adjustment knob 718.
condenser backwash inlet 759.
condenser backwash outlet 759.
condenser coil 214.
condenser cooling water inlet 759.
condenser cooling water outlet 759.
condenser fan 214.
condenser height adjustment 718.
condominiums 187.
conductor's podium 556.
cone 24, 58.
configuration of an office automation system 526.
conic projection 50.
conical broach roof 183.
conical buoy 487.
conical buoy 489.
conical washer 293.
conifer 58.
conjunctiva 140.
connecting cable 400, 406, 585.
connecting module 528.
connecting rod 434, 436.
connecting terminal 561.
connection 697.
connection box 412.
connection cable 530.
connection point 757.
connective tissue 137.
connector 300, 312, 406.
canning tower 807.
constellations of the northern hemisphere 10.
constellations of the southern hemisphere 12.
constriction 705.
consumer 417.
consumer number 712.
contact 697.
contact 233.
contact lever 235.
contact printer 398.
container 470.
container 40, 250, 304, 495.
container car 473.
container hold 495.
container ship 494.
container ship 490.
container terminal 491.
container-loading bridge 490.
container/pallet loader 507.
containment building 765, 766.
contest area 668.
contestant 668.
continent 29.
continental climates 45.
continental margin 29.
continental rise 29.
continental shelf 22, 29.
continental slope 22, 29.
continents, configuration 20.
continuity tester 310.
continuous beam 454.
continuous drizzle 39.
continuous rain 39.
continuous snow 39.
cootour feather 110.
contrabassoons 556.
contrast control 529, 532.
control bar 637.
control box 297.
control cable 270, 448.
control column 500.
control console 16, 500.
control deck 493, 699.
control key 530.
control keys 421.
control knob 255, 257, 258, 259.
control knobs 531.
control lever 735.
control pad 699.
control panel 257, 532.
control panel 210, 214, 253, 255, 258, 259, 391, 532, 717, 779.
control rod 760, 761, 762, 763.
control room 14, 15, 16, 189, 407, 746, 759.
control room, radio 407.
control rooms, television 412.
control stand 468.
control stick 508, 639.
control tower 502, 810.
control tower cab 502.
control valve 689.
control visual display 717.
control wheel 500, 778.
convection zone 6.
convector 211.
convenience outlet 310.

convention center 184.
conventional door 202.
converging lenses 722.
convertible 425.
convex lens 722.
conveyor 733, 735.
conveyor belt 504.
cook's knife 242.
cookie cutters 245.
cookie sheet 245.
cooking set 688.
cooking surface 253.
cooking utensils 248.
cooktop 255.
cooktop edge 255.
cool tip 370.
coolant 766.
coolant 771.
coolant inlet 768.
coolant outlet 768.
coolant transfers the heat to the steam generator 766.
coolant: boiling water 763.
coolant: carbon dioxide 760.
coolant: pressurized heavy water 761.
coolant: pressurized water 762.
cooler 690.
cooling 744.
cooling fan 434, 438.
cooling/heating coils 213.
copper plate 582.
copper to plastic 301.
copper to steel 301.
coprocessor 528.
copy output mode 532.
copy quantity 532.
copyright 831.
corbel 180, 181.
corbel piece 204.
cord 231, 256, 260, 268; 271, 310, 578.
cord grip 658.
cord sleeve 283, 305.
cord tieback 229.
cordate 56.
cordless telephone 422.
core 6, 64, 677, 692, 798.
coriander 74.
corinthian order 167.
cork ball 596.
cork tip 618.
corkscrew 688.
corn 72, 152.
corn salad 73.
cornea 140.
corner 577, 669.
corner arc 601.
corner cap 470.
corner cupboard 227.
corner fitting 470.
corner flag 601, 607.
corner pad 669.
corner pin 662.
corner stool 669.
corner structure 470.
corner stud 198.
corner tower 180.
cornerpiece 383.
cornet 550, 556.
comice 166, 168, 196, 202, 225, 229.
corolla 60.
corona 6.
Corona Australis 13.
Corona Borealis 11.
corona radiata 128.
coronet 101.
corpus callosum 134.
correction fluid 515.
correction key 569.
correction paper 515.
corridor connection 461.
corrosive 821.
corselette 347.
corset 346.
cortex 132.
Corvus 13.
corymb 60.
cosmetic tray 382.
costal shield 97.
cot 726.
cotehardie 316.
cottage 187.
cottage curtain 228.
cotton pin 290.
cotton applicators 725.
couched stitches 571.
counter 352.
counter reset button 403.
counterguard 179.

counterjib 786.
counterjib ballast 786.
counterscarp 178.
countersink 281.
counterweight 15, 147, 404, 457, 471, 721, 784, 785, 786.
country 51.
coupler head 471.
coupler head 147, 469.
coupler head 156, 157, 158, 159, 162.
coupler knuckle 471.
coupler knuckle pin 471.
coupler-tilt tablet 542.
coupling bolt 754.
coupling guide device 459.
course, golf 676.
court referee 612.
courtyard 172, 173.
coussous kettle 249.
couter 792.
cover 375.
cover 213, 251, 309, 386, 532, 596, 677, 705, 712, 719, 796, 804.
covered parapet walk 180.
covered way 178.
covering 579.
covering 619.
covering disk 158.
covering grille 208.
covering materials 286.
cow 151.
cow hitch 691.
cowl 426.
cowl neck 342.
Cowper's gland 127.
cowshed 149.
coxa 78, 80.
coxed four 632.
coxed pair 632.
coxless four 632.
coxless pair 632.
Crab 11, 90.
cradle 399, 720, 721, 802.
crak rye bread 153.
crakow 318.
crampion strap 680.
cranberry 62.
Crane 13, 14, 738.
crane runway 786.
cranial nerves 133.
crank 281, 448, 671, 793.
crank handle 583.
crankcase 436.
crankshaft 434, 436.
crash helmet 643.
crater 7, 13, 25, 733.
crawl kick 622.
crawler tractor 783.
crayfish 90.
creamer 238.
crease 323.
credenza 520.
creel 672.
cremaster 78.
crenate 56.
crenel 181.
crenulate margin 95.
crepidoma 166, 168, 169.
crescendo pedal 542.
crescent 819.
cresecent wrench 279.
crescentic dune 46.
crest 27, 30, 596, 791.
crest of spillway 746.
crevasse 26.
crevice tool 260.
crew neck 350.
crew neck sweater 326.
crew quarters 494.
crew's locker 461.
cribriform plate of ethmoid 141.
cricket 598.
cricket ball 598.
cricket player 598.
cricket shoe 598.
criquet, field 599.
crimping 799.
crisper 254.
crisscross curtains 229.
crochet hook 567.
croissant 153.
crook 548.
crook key 548.
crop elevator 160.
cross 818.
cross brace 727.
cross cut 736.
cross handle 701.
cross head 276.

cross rail 223.
cross section of an electron microscope 717.
cross stitches 571.
cross-country ski 642.
cross-country ski 642.
cross-country skiling 642.
cross-headed tip 276.
cross-tip screwdriver 688.
crossarm 756, 757.
crossbar 446, 535, 574, 578, 626, 637, 657.
crossbeam 572.
crossbow 793.
crossbuck sign 471.
crosshead 787.
crossing 176, 177.
crossing gate mechanism 471.
crossover back straps overalls 351.
crosspiece 219, 572, 728.
crosstree 628.
crosswise grain 566.
croch 325.
croch piece 337.
croup 101, 661.
Crown 13.
crown 59, 109, 144, 328, 329, 363, 483, 545, 553, 590, 706.
crown block 737.
crown line 105.
crownpiece 649.
crude oil 744.
crude-oil pipeline 740.
crus of helix 139.
crushing roll 158.
crustacean 90.
Crux 13.
crystal button 236.
crystal drop 236.
cucumber 69.
cue ball 673.
cuff 315.
cuff 323, 324, 354, 609.
cuff link 339.
cuirass 791.
cuisse 792.
culet 363.
culottes 334.
cultivated mushroom 55.
cultivating soil, steps 154.
cultivator 157.
cultivator 154.
cumulonimbus 44.
cumulus 44.
Cup 13, 798.
cup 238, 688.
cup gasket 730.
cupola 486.
cupule 66.
curb 186.
curb bit 650.
curb bit 649.
curb chain 649, 650.
curb hook 650.
curb rein 649.
curled endive 73.
curled kale 73.
curel 620.
curling 620.
curling brooms 620.
curling brush 370.
curling iron 370.
curling stone 620.
curling, rink 620.
currant 62.
currency abbreviations, examples 832.
currency exchange 823.
current coil 712.
cursor movement keys 530.
curtain 229.
curtain 178, 383, 414.
curtain pole 230.
curtain track 230.
curtain wall 180.
curtains, types 228.
curved jaw 278.
customer's service entrance 757.
customs control 505.
customs house 491.
cut for gemstones 363.
cut-off trench 748, 749.
cuticle nippers 365.
cuticle pusher 365.
cuticle scissors 365.
cuticle trimmer 365.
cutlery basket 257.
cutlery set 688.

cutter 311.
cutter bar 158, 160.
cutter link 272.
cutting blade 250, 256, 578.
cutting cylinder 271.
cutting edge 239, 242, 369, 783, 784.
cutting guide 578.
cutting line 565.
cutting oxygen handle 306.
cutting tip 306.
cutting torch 306.
cutting wire 584.
cyclorama 414.
Cygnus 11.
cylinder 290, 295, 436, 784, 797.
cylinder case 290.
cylinder head cover 435.
cylinder pressure gauge 306.
cylindrical buoy 486.
cylindrical projection 50.
cymbal 552.
cymbals 554.
cymbals 557.
cypress scalelike leaves 58.
cytoplasm 115, 128.

D

d 537.
«D» 674.
dabber 581.
dagger 794.
daggerboard 631.
daggerboard well 631.
dairy 149.
dairy compartment 254.
dairy products 33.
dam 746.
damper 206, 541, 585.
damper lever 541.
damper pedal 540, 555.
damper rail 541.
dandelion 73.
danger 488.
danger area 668.
Danish rye bread 153.
darkness 489.
dart 698.
dart 565.
dart, playing area 698.
dartboard 698.
dash 832.
dashboard 430.
dashboard 442.
data bus 528, 531.
data display 396, 409, 411, 421.
data display illumination button 396.
data hold 310.
data record system 717.
data storage devices 526.
date 63.
dater 516.
dating nail 466.
davit 478.
daymark 486, 487.
daymarks (region B) 489.
dead ball line 606.
dead bolt 289, 290.
dead bowl area 682.
deadly poisonous mushroom 55.
death 831.
decanter 237.
deceleration lane 452.
decimal key 523.
decimal tab 524.
deck 441, 454, 455, 456, 736.
deck arch bridge 455.
deck crane 811.
declination 3.
declination axis 14.
declination setting scale 720, 721.
décolleté bra 346.
decorative braid 349.
decoy launcher 809.
deep fryer 252.
deep peroneal nerve 133.
deep-sea floor 22.
deer antlers 105.
deer crossing 828.
deer family 105.
deer, kinds 105.
defending zone 608.
defense 603.
defense 605.
defense third 611.
deferent duct 127.
deflector 210, 264, 271.
degree 830.
Deimos 4.
delete key 530.

delicious lactarius 55.
delivery 682.
delivery entrance 190.
delivery ramp 184.
Delphinus 11.
delta wing 499.
deltoid 120.
deluge gun 778.
demilune 179.
demitasse 238.
dendrite 135.
dental alveolus 144.
dental care 373.
dental floss 373.
dentate 56.
dentil 166, 167.
dentin 144.
departure time indicator 463.
deployment mechanism 49.
depressed-center flat car 473.
depth adjustment 283.
depth gauge 627.
depth of focus 23.
depth scale 485.
depth stop 283.
depth-adjustment mechanism 277.
depth-of-field preview button 391.
depth-of-field scale 392.
derby 328.
dermis 137.
derrick 737, 738, 740.
descender 681.
descending aorta 124.
descending colon 131.
desert 46.
desert 45.
designed orbit 48.
desired temperature 213, 705.
desk lamp 234.
desk mat 520.
desk tray 517.
desktop video unit 527.
despun section 42.
dessert fork 240.
dessert knife 239.
dessert spoon 241.
destination 463.
destroying angel 55.
detachable control 253.
detection of seismic waves 714.
detergent dispenser 257.
detonator 804.
deuterium oxide upgrading 759.
deutsche mark 832.
developer bath 399.
developing baths 399.
developing tank 398.
dew 37.
dew pad 106.
dew shield 721.
dewclaw 106.
dexter 818.
dexter base 818.
dexter chief 818.
dexter flank 818.
diacritic symbols 832.
diagonal 756.
diagonal buttress 177.
diagonal movement 696.
diagram of weaving, diagram of principle 576.
dial 705, 706, 707, 708, 712.
dial-type display 485.
diamond 362, 695.
diamond interchange 451.
diamond mesh metal lath 286.
diamond point 225.
diaper 349.
diaphragm 130, 390, 400, 406.
diastema 98.
dibble 268.
dice 699.
dice cup 697.
dice 697.
diesel engine 437.
diesel engine 469, 495, 782, 785.
diesel engine ventilator 468.
diesel engines 809.
diesel lift engine 493.
diesel motor 783.
diesel oil 745.
diesel propulsion engine 492.
diesel shop 464.
diesel-electric locomotive 468.
diffuser 396.
diffuser pin 264.
digestive gland 92.
digestive system 131.
digit 84.
digital audio tape recorder 407.

digital display 310, 709, 710.
digital frequency display 402.
digital nerve 133.
digital pad 106, 107.
digital pulp 137.
digital video effects monitor 413.
digital video special effects 413.
digital watch 706.
digitizing pad 526.
dike 25.
dill 74.
dimmer room 412.
dimmer switch 309.
dimple 677.
dining car 460.
dining room 171, 195, 496, 807.
dining section 460.
dinner fork 240.
dinner knife 239.
dinner plate 238.
dinnerware 238.
diode 769.
dioptric ring 486.
dioxide 33.
dip switch 444.
dipper 592.
dipper bucket 785.
direct home reception 416.
direct-reading rain gauge 40.
direction of Mecca 173.
direction of points 488.
direction to be followed 824, 825.
directional sign 475.
director's chair 220.
disc faucet 295.
discharge bay 764.
discharge line 216.
discharge liner 753.
discus 658.
discus and hammer throw 654.
disgorger 672.
dishwasher 257, 298.
dishwasher 298.
disk 157, 432, 433, 529, 583, 663, 712.
disk brake 432.
disk brake 442.
disk camera 395.
disk compartment 405.
disk compartment control 405.
disk drive 555.
disk drive port 528.
disk motor 529.
disk spacing lever 158.
diskette 526.
diskette drive 526.
disks 251.
display 420, 422, 523, 709.
display cabinet 227, 522.
display setting 420.
disposable camera 394.
disposable fuel cylinder 299, 307.
disposable razor 374.
distal phalanx 107, 122, 123, 137.
distal sesamoid 102.
distance 376.
distance scale 392.
distance traveled 711.
distribution board 757.
distribution box 216.
distribution by cable network 416.
distributor cap 435.
distributor service loop 757.
district 52.
district limit 52.
ditch 451, 682.
diverging lenses 722.
diversion canal 746.
divide key 523.
divider 160, 378.
dividers 519.
dividing breeching 779.
diving 624.
diving glove 627.
diving installations 624.
diving plane 806.
diving tower 624.
diving, entries 624.
diving, flights 624.
diving, starting positions 624.
division 830.
do not iron 829.
do not use chlorine bleach 829.
do not wash 829.
dock 490.
document folder 519.
document handler 532.
document receiving 421.
document-to-be-sent position 421.
does not belong to 830.

dog 106.
dog ear collar 341.
dog's forepaw 106.
dog, morphology 106.
dollar 832.
Dolphin 11.
dome roof 183.
dome shutter 14.
dome tent 686.
domestic appliances 250, 252, 254, 256, 257, 258, 260.
dominoes 695.
door 202, 429.
door 173, 225, 253, 259, 427, 449, 498, 617, 685, 686.
door access 709.
door handle 427.
door lock 427.
door open warning light 431.
door panel 225.
door shelf 254.
door stop 254, 471.
door switch 259.
doorknob 202, 289.
doors, types 202.
Dorado 13.
doric order 167.
dormant volcano 24.
dorsalis pedis artery 126.
dorsum of nose 141.
dot matrix printer 531.
dot matrix printer 527.
double 646.
double bass 545.
double basses 557.
double bend 826, 827.
double boiler 249.
double curtain rod 230.
double flat 538.
double glazing 772.
double handles 633.
double kitchen sink 215.
double oxe 647.
double oxe 646.
double pennant 817.
double plate 198.
double pole breaker 312.
double reed 549.
double ring 698.
double scull 632.
double seat 477.
double sharp 538.
double sheet bend 691.
double zero 700.
double zero key 523.
double-blank 695.
double-breasted buttoning 319.
double-breasted jacket 322.
double-decked pallet 787.
double-edge blade 374.
double-edge razor 374.
double-leaf bascule bridge 457.
double-six 695.
double-twist auger bit 281.
doubles pole 614.
doubles service court 618.
doubles sideline 614, 618.
doublet 316.
doublet 695.
doubling die 697.
doubly dentate 56.
dough hook 250.
dousing water tank 759, 766.
dousing water valve 759.
Dove 13.
dovetail 718.
down tube 447.
down wind 629.
downspout 197.
downstream face 749.
downstream shoulder 748.
downstream toe 748.
downtown 184.
dozen (1 to 12) 700, 701.
dozen (13 to 24) 700, 701.
dozen (25 to 36) 700, 701.
drachma 832.
Draco 11.
draft arm 784.
draft hole 209.
draft tube 747, 753, 784.
drafting machine 591.
drafting table 591.
drag 670.
Dragon 11.
dragonfly 77.
drain 215.
drain hose 257, 258, 298.
drain tile 199.
drain valve 297, 741.

drainage blanket 748.
 drainage layer 748.
 draining circuit 215.
 draining spoon 244.
draped neck 343.
draped neckline 343.
draped swag 229.
 draw drapery 229.
draw hoe 266.
 draw tube 718.
 drawbar 803.
 drawbar lock 803.
 drawbridge 180.
 drawer 219, 226, 255.
drawers 325.
drawing 586, 588, 590, 592.
drawing, accessories 591, 592.
drawing, equipment 589.
 drawstring 320, 381.
drawstring bag 381.
 drawstring hood 351.
dredger 246.
dress with bustle 316.
dress with crinoline 318.
dress with panniers 317.
dresser 226.
resses, types 332.
 dressing room 189.
dressmaker's model 564.
 drift 736.
 drill 280.
 drill collar 737.
 drill pipe 737.
drill press 283.
 drill rod 734.
drill ship 739.
 drilling drawworks 737.
drilling rig 737.
 drip bowl 255.
drip dry 829.
 drip molding 427.
 drive belt 258.
 drive chain 446.
 drive shaft 492, 508.
 drive wheel 256, 280.
 drive wheels 784.
 driver 652, 678.
 driver's cab 459, 468.
 driver's seat 805.
 driveway 193, 196.
driving glove 327.
 driving turbine 148.
 driving wheel 147, 575.
 drone 81.
 drone pipe 536.
drop earrings 361.
 drop light 310.
drop waist dress 332.
 drop-leaf 219.
 drum 167, 231, 259, 432, 484, 707, 714.
drum brake 432.
drums 552.
 drupelet 62.
 dry continental - arid 45.
 dry continental - semiarid 45.
 dry dock 490.
dry flat 829.
dry fruits 66.
 dry gallery 24.
dry point 582.
 dry suboptical 45.
 dry well 763.
drying 829.
drypoint 583.
 dual seat 443.
 dual swivel mirror 368.
duck 150.
duckpin 683.
duffel bag 380, 381.
duffle coat 320.
 dugout 597.
dumbbell 665.
 dump 733, 734.
 dump body 785.
dump truck 785.
 dune 30.
 duo 558.
 duodenum 131.
 dura mater 134, 135.
 dust 34, 35.
 dust cover 404.
 dust receiver 260.
 dust tail 9.
 dusting brush 260.
Dutch oven 249.
 duty-free shop 505.
 dynamic brake 468.
dynamic microphone 406.
 dynamics propeller 492.

E

e 537.
 Eagle 11.
eagle 819.
 ear 107, 112, 116, 223.
 ear cushion 406.
 ear drum 139.
 ear flap 328.
ear loaf 153.
 ear plugs 729.
ear protection 729.
 ear protection 821.
ear, auricle 139.
ear, parts 138.
 earphone 406.
 earpiece 376, 726.
earrings 361.
 Earth 4, 8.
Earth coordinate system 3.
 earth foundation 450.
 earth radiation scanner 43.
 earth radiation sensor 43.
 earth sensor 42, 43, 49.
earth signs 820.
Earth's atmosphere, profile 19.
 Earth's crust 22, 23.
Earth's crust, section 22.
Earth, structure 22.
earthquake 23.
easel 398, 591.
 East 488.
 East cardinal mark 489.
 East reflector deployment 419.
 Eastern hemisphere 47.
 Eastern meridian 47.
 eccrine sweat gland 136.
 echinus 167.
 echo 722.
echo sounder 485.
echo sounder probe 485.
 eclipse crossing 419.
 eclipse preparation 419.
eclipses, types 8.
 ecliptic 3.
ecology 31, 32, 34.
 edge 288, 564, 640, 643, 644, 719.
edger 271.
 edging 263.
edible crustaceans 90.
edible gastropods 83.
edible mollusks 93.
edible mushrooms 55.
 edit/search buttons 409.
 effluent 216.
egg 109, 128.
 egg 82.
egg beater 245.
egg butt snaffle bit 650.
egg poacher 249.
egg slicer 246.
 egg timer 244.
 egg tray 254.
 eggplant 69.
 eggs 84, 89.
Egyptian reed pen 389.
eight 632.
eight cut 362.
 eighth note 538.
 eighth rest 538.
 ejaculatory duct 127.
 eject button 403.
 ejection port 796.
 ejection seat 813.
 ejector 784.
 elastic 224.
 elastic ligament 92, 107.
 elastic strainer 685, 686.
 elastic support bandage 725.
 elastic waistband 321.
 elastic webbing 323.
 elasticized leg opening 325.
elbow 301.
 elbow 100, 106, 112, 117, 119, 206.
 elbow pad 602, 609.
 elbow, 45° 301.
electric baseboard radiator 210.
 electric circuit 233.
 electric connection 207, 213.
electric drill 280.
electric dryer 259.
 electric foil 666.
electric furnace 207.
electric golf cart 679.
electric guitar 547.
 electric kiln 589.
 electric motor 209, 268, 271, 438.
electric range 255.
electric razor 374.
 electric variometer 639.
electrical box 309.
 electrical connection 441.
 electrical connection panel 415.
 electrical hazard 821.
 electrical inlet 585.
 electrical payout linkage 702.
electrical power unit 506.
 electrical scoring apparatus 666.
electrician's tools 311.
electricity 309, 310, 312, 746, 748, 750, 752, 754, 756.
 electricity cable 186.
 electricity meter 757.
 electricity production 767.
 electricity production room 806.
electricity transmission 757.
 electricity transmission 767.
 electricity transmission network 771.
electricity, tools 310, 311.
 electrode 232, 305.
 electrode assembly 209.
 electrode holder 305.
 electrode lead 305.
 electron beam 410, 717.
 electron beam positioning 717.
 electron gun 410, 717.
electron microscope 717.
electron microscope elements 717.
 electronic ballast 233.
 electronic flash 393.
electronic instruments 555.
electronic piano 555.
electronic scales 709.
electronic typewriter 524.
 electronic viewfinder 409.
 elevating arc 802.
 elevating cylinder 780, 786.
 elevating handle 803.
elevation 193.
 elevation adjustment 718.
 elevator 15, 190, 499, 639, 736, 764, 811.
 elevon 511.
ellipses 832.
 elliptical galaxy 9.
 embankment 450.
embankment dam 748.
embankment dam, cross section 748.
 emblem 817.
 embrasure 179.
 embroidered fabric 571.
embroidery 571.
emerald 362.
emerald cut 362.
 emergency brake 477.
 emergency electric motor 806.
 emergency regulator 627.
emergency support vessel 739.
 emergency switch 444.
emery boards 365.
 emery pack 563.
empty set 830.
 emptying hose 258.
 en prison 700, 701.
 enamel 144.
 enclosure 149.
 end bracket 230.
 end button 544.
 end cap 230, 765.
 end door 470.
 end grain 288.
 end joist 198, 199.
 end ladder 470.
 end line 604, 610, 613, 619.
 end piece 127.
 end plate 765.
 end stop 230, 630.
 end wall 621.
 end zone 604.
 end-piece 674.
 endocarp 63, 64.
 endoplasmic reticulum 115.
 endpaper 577.
 endpiece 376.
energy saving bulb 233.
engagement ring 364.
 engine 147, 442, 737, 784, 787, 805.
 engine and crew alarm display 500.
 engine block 435.
 engine fuel valves 500.
 engine housing 272.
 engine mounting pylon 499.
 engine room 496, 806.
 engines 510.
engines, types 436.
English billiards 673.
English billiards and snooker 674.

English cane 728.
 English horn 548.
 English horns 557.
English loaf 153.
enlarger 399.
enlarger timer 399.
 enlarging lens 399.
ensiling 155, 162.
 ensiling tube 162.
 entablature 166, 168, 202.
 enter key 530.
 entire 56.
 entrance 82, 452.
 entrance slide 82.
 entrance turnstile 474.
entries 624.
 entry 625, 787.
 envelope 634.
 epaulet 319.
epaulet sleeve 340.
 épée 666.
épéist 667.
 epicalyx 62.
 epicenter 23.
 epicondyle 123.
 epimeris 137.
 epiglottis 130, 142, 143.
 epirochlea 123.
 equal key 523.
 equalizing buckle 231.
 equator 3, 47.
equilateral 174.
 equilibrator 802.
 equipment compartment 458.
 equipment lock 764.
 equipment rack 412, 415.
 equipment section 16.
 Equuleus 11.
 erase button 420.
eraser 515.
eraser holder 515.
 erecting lenses 718.
 Eridanus 13.
ernine 819.
 escalator 189, 190, 474.
 escape wheel 706, 707.
 escapement mechanism 539.
escudo 832.
 escutcheon 95, 289, 295, 296.
 esophagus 88, 92, 97, 130, 131, 142.
espadrille 357.
espresso coffee maker 247.
etching press 581.
 Eurasia 21.
 Europa 4.
 Europe 21.
European Currency Unit 832.
European plug 309.
 Eustachian tube 139, 141.
Eutelsat II 418.
 euthynteria 166, 168.
 evaporation 34, 35.
 evaporator blower 214.
 evaporator coils 214.
 even 700, 701.
evening glove 327.
examples of Instrumental groups 558.
exclamation point 832.
 excretory opening 83.
executive desk 520.
executive length 325.
exercise wear 353.
 exhalation valve 730.
 exhaust 436, 437, 501.
 exhaust duct 501.
 exhaust gas admission 438.
 exhaust guide vanes 501.
 exhaust manifold 435, 437, 438, 439.
 exhaust nozzle 812.
 exhaust pipe 438, 439, 443, 444, 508, 783.
 exhaust port 436, 735.
 exhaust stack 147, 440, 784.
exhaust system 439.
 exhaust tube 232.
 exhaust valve 435, 436, 438.
 exit 452.
 exit cone 82.
 exit taxiway 505.
 exit turnstile 474.
 exocarp 62, 63, 64.
 exosphere 19.
 expandable file pouch 378.
expanding file 517.
expansion bolt 276.
 expansion chamber 485, 705.
 expansion connector 528.
 expansion diaphragm 485.
 expansion space 466.

expansion tank 208, 772.
 expert drivers course 646.
 explosion 436.
 explosive 821.
 export pipeline 738.
 exposure adjustment knob 391.
exposure meter 396.
 exposure mode 391.
 exposure value 396.
 exposure-time scale 396.
 extended character 530.
extended claw 107.
 extension 219.
extension ladder 302.
 extension pipe 260.
extension table 219.
 exterior dome shell 14.
exterior door 202.
 exterior gauge 578.
exterior of a house 196.
 exterior pocket 378, 382.
 exterior sign 474.
 external ear 138.
 external fuel tank 510.
 external gills 84.
 external jugular vein 126.
 external oblique 120, 121.
external tooth lock washer 278.
 extradors 174.
eye 140.
 eye 83, 90, 96, 97, 107, 118, 275, 562, 563, 573, 649, 671, 681.
 eye guard 777.
eye makeup 367.
eye protection 729.
 eye protection 821.
 eye ring 109.
eyeball 140.
 eyeball 84.
 eyebrow 140.
eyebrow pencil 367.
 eyebrow stripe 109.
 eyebrow tweezers 365.
eyeglasses 376.
eyeglasses case 379.
eyeglasses parts 376.
eyeglasses, major types 377.
 eyelash 140.
eyelash curler 367.
 eyelashes 107.
 eyelet 230, 353, 354, 381, 569, 644.
 eyelet tab 354.
 eyelid 97.
 eyepiece 390, 396, 409, 718, 719, 720, 721.
 eyepiece holder 721.
eyeshadow 367.
 eyestalk 83.

F

f 537.
 f clef 537.
 F degrees 705.
 F-1 engine 509.
fabric care 829.
 fabric guide 256.
fabric structure 566.
façade 175.
 face 116, 179, 275, 277, 579, 619, 677, 733, 736.
 face mask 602, 609, 643.
face shield 308.
 face side 288.
 face-off circle 608.
 face-off spot 608.
 facepiece 730.
 faceplate 289, 290.
facial makeup 366.
 facial nerve 139.
facsimile machine 421.
 facsimile machine 417.
factorial 830.
 faculae 6.
 Fahrenheit scale 705.
 failed fuel bay 764.
 failed fuel canning 764.
 fairing 442.
fairlead 630.
 fairway 676.
 fall 341.
 fall front 226.
falling rocks 826, 827.
 fallopian tube 128.
 fallopian tubes 128.
 fallout 35.
 fallow 148.
 false rib (3) 123.
 false tuck 349.
family tent 685.

fan 162, 209, 212, 259, 501, 528.
 fan belt 434.
fan brush 366, 589.
fan cable stays 456.
 fan control 214.
fan heater 211.
 fan housing 370.
 fan motor 214.
 fan thermostat 438.
 fan trellis 263.
 fan's tube 162.
 fang 96.
fanlon 817.
 fantail 773.
 far turn 651.
farm animals 150.
 farm pollution 32.
 farmhouse 148.
farmhouse bread 153.
farmstead 148.
 farmyard 148.
 fascia 166.
 fast data entry control 555.
fast forward 831.
 fast forward 411.
 fast forward button 411.
 fast operation 405.
 fast-forward button 403, 408, 420.
fastener blinder 519.
fasteners 566.
 fastening device 230.
 fastening system 661.
 faucet 292.
 fault 23.
 feather crown 618.
feather stitch 571.
 feathering 684.
 feed dog 562.
 feed lever 283.
 feed pin 531.
 feed table 162.
 feed tube 251.
 feeder header 759.
 feeder output tray 532.
 feeding tube 160.
 feedwater 760, 761, 762, 763.
feet protection 730.
 feet protection 821.
feet, principal types 111.
 feet-first entry 624.
 felt 581.
felt hat 328, 329.
felt tip pen 588.
female 831.
 female cone 58.
 female ferrule 670.
female genital organs 128, 129.
 femoral artery 126.
 femoral nerve 133.
 femoral vein 126.
 femur 78, 80, 103, 122.
 fence 148.
fencer 667.
fencing 666.
 fencing shoe 667.
fencing weapons 666.
fencing, parts of the weapon 666.
fencing, plste 666.
fencing, positions 667.
fencing, target areas 667.
 fender 426, 440, 446.
 fennel 72.
 ferrule 304, 375, 675, 678.
ferry 494.
 ferryboat 491.
 fertilizers 32.
fertilizing soil 154, 156.
 fetlock 101.
 fetlock joint 101.
fettling knife 585.
 fiber 692.
 fibula 102, 122, 315.
field hockey 607.
 field judge 605.
 field lens 718.
 field lens adjustment 718.
fleider's glove 596.
 fielders 599.
 15 yards line 606.
 fifth 537.
 5th metacarpal 112.
 fifth wheel 440.
 fifty-yard line 604.
figure skate 644.
 figure ski 633.
 figure skiing handle 633.
figure-eight knot 691.
 filament 6, 60, 232.
 filament support 233.
file 277.
 file 688.
file guides 518.
filling box 517.
 fill opening 256.
 filler 384.
 filler cap 271, 438, 440.
 filler rod 307.
 filler tube 293.
 fillet 166, 167.
filleting knife 242.
 filling hole 804.
 filling inlet 741.
 film 390.
 film advance mode 391.
 film cartridge chamber 390.
 film disk 395.
film drying cabinet 398.
 film guide rail 390.
 film guide roller 390.
 film leader 395.
 film leader indicator 390.
 film pack 395.
 film recorder 527.
 film rewind knob 391.
 film rewind system 390.
 film speed 391, 396.
 film sprocket 390.
films 395.
 filter 207, 252, 255, 385, 772.
 filter cover 730.
 filter tip 384.
 fin 210, 499, 508, 627, 633, 812, 814.
 fin-mounted tail unit 498.
 finderscope 720, 721.
 fine adjustment knob 718.
fine bookbinding 577, 578.
 fine data entry control 555.
 fine guidance system 16.
 finely threaded screw 711.
finger 137.
 finger 596.
 finger board 535, 544, 547.
 finger button 550.
 finger flange 726.
 fingernail 137.
 finial 817.
 finish 646.
 finish line 654.
finishing 586.
 finishing line 651.
 finishing post 654.
 fir needles 58.
fire engine 778, 780.
fire extinguisher 823.
 fire hose 778.
 fire hydrant 186.
 fire hydrant wrench 779.
fire irons 205.
 fire pot 204, 209.
fire prevention 777.
fire signs 820.
 firebrick 204.
 firebrick back 204.
fireman 777.
 fireman's hatchet 781.
fireplace 204.
 fireplace 195.
 fireproof and waterproof garment 777.
 firestopping 198.
firing 585.
firing accessories 801.
 firing chamber 585.
 firing lanyard 802.
 firing mechanism 804.
 firing shaft 802.
 firing tube 807.
firmer chisel 587.
 firm 26.
first aid 822.
first aid equipment 726.
first aid kit 725.
 first aid manual 725.
 first base 597.
 first baseman 597.
 first classification track 465.
 first dorsal fin 86.
first floor 194.
 first floor 197.
 first focal room 15.
 first molar 144.
 first officer's seat 500.
 first premolar 144.
 first quarter 6.
 first reinforce 800.
 first space 610.
 first stage 509.
 first valve slide 550.
 first violins 556.
 first-class cabin 498.
fish 86, 88.

fish fork 240.
fish knife 239.
fish platter 238.
fish poacher 248.
 fish scaler 688.
fish wire 311.
fish, anatomy 88.
fish, morphology 86.
fishbone stlch 571.
fisherman's knot 691.
 fishes 11.
fisheye lens 392.
fishhook 671.
 fishhook 670.
fishing 670, 672.
fishing garment 672.
 fishing vest 672.
 fishplate 466.
 fishplate bolt 466.
 fission of uranium fuel 766.
fitness equipment 663, 664.
 fitted sheet 224.
 fitting 778.
fittings 301.
 fittings 383.
 5 m platform 624.
 5 yards line 606.
 five-number bed 700.
fivepin 683.
fixative 592.
fixed arch 455.
 fixed base 282.
 fixed blade 578.
fixed bridges 454, 456.
 fixed distance marking 505.
 fixed jaw 279, 282.
fixed platform 739.
 fixed weight 539.
 fixed wingle 814.
fixed-roof tank 741.
 fixing bath 399.
 fixture drain 215.
 flag 606.
flag shapes 817.
flag with Schwenkel 817.
flag, parts 817.
 flagstone 263.
flail mower 158.
 flail mower 154.
 flame adjustment wheel 386.
flame spreader tip 307.
 flammable 821.
 flank 101, 108, 179, 579.
 flank forward 606.
 flanker 605.
 flanking tower 180.
 flap 322, 380, 649.
 flap hydraulic jack 812.
 flap lever 500.
flap pocket 339.
 flap pocket 320, 322.
 flare 6, 738.
 flare joint 300.
flare nut wrench 279.
 flash hider 796.
flash lamp 393.
flashcube 393.
 flashing 205.
 flashing light 471.
 flashtube 393.
 flat 538.
flat brush 589.
flat car 473.
 flat end pin 231.
 flat head 276.
 flat mirror 14, 720.
 flat part 567.
flat roof 182.
 flat sheet 224.
flat shuttle 573.
 flat stitches 571.
flat tip 276.
flat washer 278.
flat-back brush 368.
 flat-bed 561.
flat-plate solar collector 768.
flatbed 441.
flatbed pushcart 788.
 flesh 62, 63, 64.
fleshy fruits 62, 65.
 fleshy leaf 70.
fleur-de-lis 819.
 flews 106.
 flexible hose 260, 735.
 flexible hose connection 735.
 flexible rubber hose 298.
 flexible skirt 493.
 flexible tube 726.
 flies 188.
 flight 625, 698.

flight bag 637.
flight deck 500.
 flight deck 498, 508, 510, 810.
 flight information board 505.
 flight instruments 635.
 flight management computer 500.
 flight of stairs 201.
flights 624.
 flint 307, 795.
flint arrowhead 791.
flint knife 791.
flintlock 795.
 flip turn 622, 623.
 float 216, 485, 803.
 float ball 293.
 float clamp 216.
 floater 626.
floating bridge 457.
 floating crane 490.
 floating head 374.
 floating rib 122.
 floating roof 741.
 floating sleeve 316.
floating-roof tank 741.
 floodlight 414.
 floodlight on pantograph 414.
 floor 205, 616, 617, 773.
 floor brush 260.
 floor drain 215.
 floor joist 198, 199.
floor lamp 236.
floor tile 286.
 floorboard 200.
floppy disk 529.
 floppy disk drive 528.
florin 832.
 flotation section 486.
 flow 493.
 flow bean 740.
 flow tube 768.
 flower 57.
 flower bed 263.
 flower bud 57.
flower, inflorescences 60.
flower, structure 60.
 flowering 61.
 flue 297, 542.
 flue hat 297.
flue pipe 542.
 fluid adjustment screw 304.
 fluid cup 590.
 fluke 483.
fluorescent tube 232.
 fluorescent tube 233.
flush 695.
flush bushing 301.
 flush handle 293.
 flute 166, 167, 281, 548.
 fluted land 281.
fluted pole 230.
 fluted shaft 431.
fluteroni 587.
 flutes 556.
 fly 13, 77, 323, 325, 350, 817.
 fly agaric 55.
 fly front closing 330, 351.
 fly line 670.
fly reel 670.
fly rod 670.
 flying buttress 175, 176.
 flying fish 13.
 flying jib 481.
 flyleaf 577.
 flywheel 435, 581, 584, 664.
 FM antenna 400.
 foam 30.
 foam cushion 729.
foam insulation 287.
foam pad 687.
foam-rubber insulation 287.
 focal plane shutter 390.
 focus 23.
 focus mode selector 391.
 focus setting ring 392.
 focusing knob 720, 721.
 focusing lenses 717.
focusing magnifier 399.
 focusing ring 719.
 focusing screen 390.
 fodder corn 149.
 fog 37, 39.
 fog light 429, 440.
 foible 666.
 foil 666.
 foil warning line 666.
foilist 667.
 fold 315.
 fold line 565.
foldaway ladder 303.
folder 518.

folding chair 223.
folding cot 687.
folding door 202.
 folding door 194.
folding grill 690.
 folding nail file 365.
 folding ramp 494.
folding shovel 690.
 foliage 59.
 follicle 67.
follicle, section 67.
follow-through 682.
fondue fork 240.
 fondue pot 248.
fondue set 248.
food chain 31.
food pollution 32.
food processor 251.
 foot 83, 112, 116, 117, 118, 119,
 225, 350, 542, 545, 553, 579, 631,
 670, 671.
foot cork 561.
 foot cushion 675.
 foot fault judge 614.
 foot hole 542.
 foot pocket 627.
 foot score line 620.
 foot strap 631.
 foot support 664.
football 602, 604.
football player 602.
 footboard 224, 445.
 footbridge 180, 464, 475.
 footing 198, 199.
 footless tights 353.
 footlights 188.
 footrest 584, 727.
 footrope 478.
footstool 222.
 footstrap 336, 664.
forage blower 162.
 forage blower 155.
forage harvester 162.
 forage harvester 155.
 foramen cecum 143.
forced hot-water system 208.
forced warm-air system 205.
 fore edge 577.
 fore royal sail 481.
 fore-royal mast 479.
 fore-topgallant mast 479.
 fore-topmast 479.
 forearm 106, 117, 119, 798.
forearm crutch 728.
 forearm support 728.
 forecastle 495, 497.
 forecourt 614.
 forehead 109, 116.
 foreleg 79, 80.
foreleg, honeybee 80.
 forelimb 84.
 forelock 100.
 foremast 479.
 foresail 481.
 forest 27.
 forestay 628.
 forewing 79, 81.
fork 240.
 fork 105, 447, 688, 707, 721, 787.
 fork pocket 470.
 forked tongue 96.
forklift truck 787.
 forks 787, 788.
forks, principal types 240.
 formeret 177.
 forming 692.
 fornax 13.
 forte 666.
 fortified wall 172.
 forward 624.
forward dive 625.
 forward slide change 397.
forward swing 682.
 forward/reverse 272.
 foul line 597, 683.
 foundation 198, 199, 750.
 foundation blockage 750.
 foundation of dam 748.
 foundation of tower 456.
foundation slip 345.
foundations 199.
fountain pen 389, 515.
 four blade beater 250.
four-door sedan 425.
 four-four time 537.
four-masted bark 478, 480.
 4 m line 626.
four-of-a-kind 695.
four-stroke-cycle engine 436.
 four-toed hoof 99.

fourchette 327.
 fourth 537.
 4th metacarpal 112.
 fourth wheel 706.
 fovea 140.
 foyer 189.
 fractionating tower 744.
fraise 318.
frame 198, 572.
 frame 82, 156, 157, 159, 204, 225,
 272, 282, 302, 319, 323, 378, 382,
 383, 443, 484, 536, 554, 583, 595,
 615, 645, 659, 660, 685, 711, 726,
 768, 769, 773, 785, 787, 788.
 frame push 783.
 frame stile 225.
frame, embroidery 571.
frames 376.
framing square 275.
franc 832.
Francis turbine 754.
 free margin 137.
 free throw lane 610.
 free throw line 610, 612.
 freeway 184, 452.
 freewheel 448.
 freezer bucket 251.
 freezer compartment 254.
 freezer door 254.
 freezing rain 39.
 freight car 464.
freight cars, types 472.
 freight expedition 505.
 freight hold 499.
 freight reception 505.
 freight station 464.
French betting layout 701.
French bread 153.
French cuff 339.
French cut 363.
 French horn 551.
 French horns 557.
French knot stitch 571.
French loaf 153.
French roulette wheel 701.
French window 203.
 fresco 170.
 fret 546, 547, 701.
 friction strip 307, 386.
 frieze 166, 168, 225.
frigate 808.
 fringe 318.
 fringe trimming 229.
 frock coat 317.
frog 84.
 frog 104, 156, 320, 467, 544.
frog, life cycle 84.
 frog-adjustment screw 277.
 front 322, 324.
 front apron 324.
 front axle 784.
 front beam 708.
 front binding 633.
 front board 577.
 front brake 447.
 front brake lever 444.
front crawl stroke 622.
 front crossbar 645.
 front derailleur 446, 448.
 front fender 442.
 front flap 386.
 front foil 495.
 front footrest 443, 444.
 front grip 804.
 front knob 277, 281.
 front landing gear 813.
 front leg 223.
 front lights 189.
 front pocket 381.
 front point 680.
 front runner 643.
 front sight 795, 797, 798, 799, 804.
 front sight housing 796.
 front tip 256.
 front top pocket 323.
front view 147.
 front wall 616, 617.
 front wheel 147, 727, 784.
front-end loader 782.
 frontal 120.
 frontal bone 122.
 frontal sinus 141.
 frontcourt 617.
fronts 39.
 frontwall 441.
 frost 37.
 fruit branch 61.
 fruit tree 149.
fruit vegetables 69.
fruit-picking ladder 303.

G

g 537.
 g clef 537.
 gable 175, 197.
gable roof 182.
 gable stud 198.
 gable vent 197.
 gaff 478.
gaff sail 482.
 gaff sail boom 478.
 gaff topsail 480.
 gain control 485.
galt, horse 101.
galaxy 9.
galaxy, classification 9.
 gall bladder 97.
 gallbladder 131.
 gallery 175, 189, 486, 773.
 galley 498.
Galle warrior 791.
 gallop 101.
 game cartridge 699.
game of darts 698.
gantry crane 786.
 gantry crane 746, 747.
 Ganymede 4.
 gap 671.
 garage 196.
garbage disposal sink 296.
 garbage disposal unit 296.
 garden 171.
 garden hose 265.
garden line 268.
 garden sorrel 73.
gardening equipment 264, 266,
 268, 270, 272.
gardening tools 264, 266, 268,
 270, 272.
 garlic 70.
garlic press 243.
garment bag 382.
 garment fabric 565.
 garment strap 383.
garment, fishing 672.

garnet 362.
garrison cap 328.
garter 347.
garter belt 347.
garter stitch 567.
 gas 34, 35, 232, 737, 744.
 gas burner 297.
 gas cock 297.
 gas cylinder 796.
 gas lift module 738.
gas lighter 386.
 gas main 186.
 gas pedal 430.
 gas tail 9.
 gas tank cap 444.
gas water-heater tank 297.
 gasket 257, 300.
 gaskin 101.
 gasoline 744, 745.
gasoline engine 434.
gasoline pump 453.
 gasoline pump 453.
 gasoline pump hose 453.
 gastrocnemius 120, 121.
gastropod 83.
gate 647.
 gate 462, 490, 646, 681, 747, 752.
 gate arm 471.
 gate arm lamp 471.
 gate arm support 471.
 gate operating ring 753.
 gate-leg 219.
gate-leg table 219.
 gather 337.
gather skirt 335.
gathering 577.
 gauge 578.
gauntlet 308, 327.
 gauntlet 327, 792.
 gauze bandage 662.
 gauze roller bandage 725.
 gear 575.
 gear housing 671.
 gear shift 444.
 gearbox 495, 583.
 gearshift lever 430, 443.
gelatin capsule 725.
 Gemini 11.
Gemini the Twins(May 21) 820.
generator 753.
 generator 446, 758.
generator unit 753.
 generator unit 747.
 genital opening 83.
geometry 830.
 geostationary orbit 43.
geostationary satellite 42.
 germ 152.
German rye bread 153.
 geyser 25.
 gill 55.
 gill filament 87.
 gill raker 87.
gills 87.
 gills 88, 92.
 gimbal ring 485.
 Giraffe 11.
 girder 14, 198.
 girdle 346, 363.
 girth 649, 651.
 girth strap 649.
 glacial cirque 26.
glacier 26.
 glacier tongue 26.
 glaciis 178.
 gladius 791.
 glans penis 127.
 glass 768, 769.
 glass case 709.
 glass cover 254.
glass curtain 228.
 glass dome 484.
 glass lens 376.
 glass slide 718.
 glass sphere 40.
glass-fronted display cabinet 227.
 glass-lined tank 297.
 glassed roof 190, 195, 462.
glassware 237.
glider 638.
gliding 638.
 globe 689.
 glottis 96, 142.
 glove 512, 598, 609, 635, 642, 643, 667.
 glove compartment 430.
 glove finger 327.
gloves 327.
 glue 200.
glue stick 515.

gluteal nerve 133.
 gnomon 706.
go 697.
go, board 697.
 goal 601, 604, 606, 607, 608, 612, 626.
 goal area 601, 612.
 goal area line 612.
 goal attack 611.
 goal circle 611.
 goal crease 608.
 goal defense 611.
 goal judge 608, 626.
 goal line 604, 606, 607, 608, 612, 626.
 goal line referee 612.
 goal shooter 611.
 goal third 611.
goalkeeper 609.
 goalkeeper 601, 607, 608, 611, 612, 626.
 goalkeeper's pad 609.
 goalkeeper's stick 609.
 goalpost 604, 611.
 Goat 13.
goat 150.
gob hat 329.
goggles 308.
 goggles 635.
golf 676, 678.
golf bag 679.
golf ball 677.
golf ball, cross-section 677.
 golf cart 679.
golf clubs 678.
golf clubs, types 677.
golf course 676.
golf glove 679.
 golf shoe 679.
golf, iron 678.
golf, wood 678.
 Golgi apparatus 115.
gondola car 473.
gonfalon 817.
gong 554.
 gong 557.
goose 150.
 goose-neck 201.
 gooseberry 62.
 gooseneck 784.
gored skirt 334.
 gorge 24.
 gorget 792.
gothic cathedral 175, 176.
gouge 587.
 gour 24.
 grab handle 440, 449, 461, 779.
 grade slope 193.
grader 784.
 graduated arc 484.
 graduated dial 719.
 graduated scale 708, 709, 710.
grafting knife 269.
 grain 288.
 grain auger 161.
 grain elevator 161.
grain of wheat, section 152.
 grain pan 161.
 grain tank 160.
 grain terminal 490.
 grain tube 158.
grandfather clock 707.
 grandstand 651.
 granitic layer 22.
 granivorous bird 111.
granny knot 691.
 granulation 6.
grape 61, 62.
 grape 61, 62.
grape leaf 61.
 grape leaf 73.
 grapefruit 65.
grapefruit knife 242.
grapeshot 801.
 graphic equalizer 400.
grapnel 483.
 grassbox 271.
 grasshopper 77.
grater 243.
grating, utensils for 243.
grave accent 832.
 gravel 199, 216.
 gravity band 483.
gravity dam 749.
gravity dam, cross section 749.
gravy boat 238.
 gray matter 135.
 grease well 253.
 greases 745.
 great adductor 121.
 Great Bear 11.

Great Dog 13.
 great organ manual 542.
 great saphenous vein 126.
 great scallop 93.
 greater alar cartilage 141.
 greater covert 110.
 greater pectoral 120.
 greater trochanter 123.
 greatest gluteal 121.
 greave 792.
Greek bread 153.
Greek temple 168.
Greek temple, plan 169.
green 682.
 green ball 673.
 green beam 410.
 green bean 69.
 green cabbage 73.
 green peas 72.
 green russula 55.
 green walnut 66.
 greenhouse 149.
 Greenland Sea 20.
 grid 188, 410.
grid system 47.
griddle 253.
 grille 168, 214, 426, 438, 536.
grinding, utensils for 243.
 grip 632, 665, 677, 684.
 grip handle 277.
grips, tennis table 619.
grips, types 619.
 groin 116, 118.
groove 578.
 groove 562, 598, 641, 678, 793.
 ground 312, 741.
ground air conditioner 506.
ground airport equipment 506.
 ground bond 312.
 ground clamp 305.
 ground connection 312, 400.
 ground electrode 439.
 ground fault circuit interrupter 312.
 ground moraine 26.
 ground sill 178.
 ground surface 733.
 ground wire 312, 757.
 ground-wire peak 756.
 ground/neutral bus bar 312.
 grounded receptacle 216.
 grounding prong 309.
grow sleepers 350.
 growth line 83, 95.
 Grus 13.
 guard 201, 242, 310, 666.
 guard rail 254.
 guardhouse 178, 180.
 guava 68.
 guide 670.
 guide bar 272.
 guide handle 283.
 guide mark 612.
 guide roller 403.
 guiding and current bar 476.
 guiding tower 457.
gullotine trimmer 398.
gules 819.
 gulf 51.
 gum 142, 144.
 gun 291.
 gun body 304.
 gun flap 319.
 gunner's sight 805.
 gusset 378, 380.
gusset pocket 339.
 gusset pocket 338.
 Gutenberg discontinuity 22.
 gutta 167.
 gutter 105, 197, 683.
 guy cable 660.
 guy line 685.
 guy wire 774.
 guyot 28.
 gymnasium 496.
gymnastics 659, 660.
gypsum tile 286.

H

H 38.
 hack 620.
 hackle 670.
hacksaw 277, 299.
 hail 37.
 hail shower 39.
 hair 117, 119, 136, 544.
 hair bulb 136.
hair clip 369.
hair dryer 370.
 hair follicle 136.
hair roller 369.
 hair roller pin 369.
 hair shaft 136.
hairbrushes 368.
haircutting scissors 369.
hairdressing 368, 370.
hairpin 369.
 hairspring 706.
hairstyling implements 369.
 half barb 38.
 half cell 636.
 half court line 616.
 half handle 242.
 half indexing 525.
 half note 538.
 half rest 538.
 half-distance line 626.
half-glasses 377.
half-mask respirator 730.
 half-side 787.
half-slip 345.
half-through arch bridge 455.
 halfback 605.
 halfway line 601, 606.
hall 189.
 hall 194, 496.
 hallway 194.
 halfyard 480, 817.
ham knife 242.
hammer 311.
 hammer 540, 541, 658, 797, 798, 799.
hammer ax 681.
 hammer ax 680.
 hammer butt 541.
 hammer drill 734.
 hammer felt 541.
 hammer head 681.
 hammer rail 540, 541.
 hammer shank 541.
hand 137.
 hand 117, 119.
hand blender 250.
 hand brake gear housing 470.
 hand brake wheel 470.
 hand brake winding lever 470.
hand drill 280.
hand fork 268.
hand grenade 804.
 hand grip 670.
hand lamp 777.
hand mixer 250.
hand mower 271.
 hand protection 821.
 hand protector 268.
hand shield 308.
hand truck 788.
hand vacuum cleaner 260.
hand vice 582.
 hand warmer pocket 330.
hand warmer pouch 339.
hand wash in lukewarm water 829.
 hand wheel 561.
 hand-warmer pocket 321.
 hand-wheel 579.
handbags 380.
handball 612.
handball, court 612.
 handgrip 442, 728.
handgrips 665.
 handguard 796.
 handhold 652.
 handicap spot 697.
handle 633.
 handle 204, 224, 239, 240, 241, 250, 251, 252, 253, 254, 255, 256, 260, 265, 270, 271, 272, 275, 276, 277, 278, 279, 281, 282, 284, 291, 294, 295, 304, 306, 310, 370, 373, 374, 375, 378, 380, 382, 383, 408, 544, 563, 564, 570, 573, 579, 596, 598, 607, 615, 619, 620, 640, 643, 658, 666, 670, 671, 679, 688, 727, 735, 793.
 handlebar 272, 664.
 handlebars 445, 447.
 handrail 201, 477.
handsaw 277.
 handset 420, 422.
 handset cord 420.
hang glider 637.
hang gliding 637.
 hang point 637.
hang to dry 829.
 hang-up ring 370.
 hanger 397.
 hanger bracket 727.
 hanger loop 326.
 hanging basket 263.
hanging file 518.

hanging glacier 26.
hanging pendant 236.
hanging sleeve 316.
 hanging stile 202, 203, 225.
hank 630.
harbor 490.
 hard disk bus 528.
hard disk drive 529.
 hard disk drive 526, 528.
 hard palate 141, 142.
 hard shell clam 93.
hard top gondola 472.
hardboard 289.
 hardwood base 635.
 Hare 13.
harmonica 536.
 harness 573, 627, 635, 636, 637, 645.
harness racing 652.
 harnesses 572.
harp 545.
harp cable stays 456.
 harps 556.
harquebus 795.
harvesting 155, 159, 160, 162.
 hasp 383.
 hastate 56.
 hatband 328.
 hatch 510, 805.
hatchback 425.
hatchet 690.
hatchling 576.
 haulage road 733.
hawk 291.
hay baler 159.
 hay baler 155.
 hayloft 148.
 hazelnut 66.
hazelnut, section 66.
head 112.
 head 9, 72, 78, 79, 80, 83, 117, 119,
 124, 127, 275, 276, 279, 283, 373,
 374, 384, 386, 466, 544, 546, 547,
 554, 561, 567, 570, 579, 615, 658,
 670, 677, 681.
 head cover 579.
 head cushion 674.
 head harness 730.
 head linesman 603.
 head number 653.
 head of femur 123.
 head of frame 203.
 head of humerus 123.
 head pole 653.
head protection 729.
 head protection 821.
 head roller 572.
 head tube 306, 447.
head, bat 112.
head, bird 109.
 head-first entry 624.
 headband 406, 408, 577, 615, 642,
 729, 730.
 headbay 746.
 headboard 224.
 headcap 577.
header 161.
 header 198, 202.
 headframe 736.
headgear 328.
headings, types 229.
 headlamp 447.
 headland 30.
 headlight 147, 426, 440, 442, 444,
 445, 459, 469, 805.
 headlight/turn signal 430.
 headlights 429.
 headphone jack 402, 408, 555.
 headphone plug 408.
headphones 406.
 headphones 408.
 headpin 683.
 headrail 231.
 headrest 428.
 headwind 629.
hearing 138.
heart 125, 695.
 heart 88, 92, 97, 130.
 heartwood 59.
 heat control 209.
 heat deflecting disc 232.
 heat exchanger 209, 760, 772.
 heat production 766.
heat pump 212.
 heat ready indicator 370.
 heat selector switch 370.
 heat shield 510.
 heat transport pump 759.
heater 689.
heating 204, 206, 208, 210, 212.
 heating coil 635.
 heating duct 259.

heating element 207, 209, 257, 259,
 305, 585.
 heating grille 477.
 heating oil 745.
heating, forced hot-water system
 208.
heating, forced warm-air system
 206.
heating, registers 207.
 heating/air conditioning equipment
 494.
heaving line knot 691.
 heavy drifting snow low 39.
heavy duty boot 355.
 heavy gasoline 744.
heavy machinery 785.
 heavy thunderstorm 39.
heavy vehicles 782, 784.
heavy-water reactor 761.
 heddle rod 574.
heddles 573.
 heddles 572, 574.
 hedge 263.
hedge shears 269.
hedge trimmer 268.
 heel 104, 117, 119, 156, 242, 277,
 325, 352, 354, 544, 546, 596, 609,
 644, 678.
 heel grip 354.
 heel loop 727.
 heel piece 633, 640.
 heel rest 250, 256.
 heel stop 645.
 heel-piece 641.
heeled shoe 318.
 heelplate 642, 643.
 height adjustment 157, 159, 659,
 661, 664.
 height adjustment scale 284.
 height adjustment screw 641.
 height control 399.
 height finder 810.
 height of the dive 625.
 height scale 399.
helicopter 508.
 helicopter 808.
 helicopter flight deck 808.
 helicopter hangar 808.
 helipad 738.
 helium sphere 509.
 helix 139.
helm roof 183.
helmet 777.
 helmet 512, 602, 609, 635, 636, 680,
 777, 791.
 helmet lamp 680.
 helmet ring 512.
 hem 231.
hemispheres 47.
 hemilath 773.
 hemline 565.
hen 150.
 hen house 148.
hennin 318.
 hep42.
 hepatic vein 124.
heraldry 817, 818.
herbivore's jaw 98.
 herbivores 31, 33.
herbs 74.
 Hercules 11.
 Herdsman 11.
herringbone parquet 200.
herringbone pattern 200.
herringbone stitch 571.
 Hertzian wave transmission 416.
 hex nut 439.
hexagon bushing 301.
 hidden pocket 379.
 high (19 to 36) 700, 701.
 high beam 429.
 high beam indicator light 431.
 high beam warning indicator 445.
high card 695.
high clouds 44.
high focal plane buoy 487.
high jump 657.
 high jump 654.
 high pressure center 38.
high warp loom 574.
high-back overalls 350.
 high-pressure steam inlet 758.
high-rise apartment 187.
 high-rise apartment 185.
 high-speed exit taxiway 502.
high-speed train 458.
high-voltage tester 310.
highball glass 237.
highland climates 45.
 highland climates 45.
 highlight key 396.

highlighter pen 515.
 highway 52, 452.
highway crossing 471.
 highway crossing bell 471.
 highway number 52.
 hill 27, 770.
hilted bayonet 794.
 hind leg 79, 81.
hind leg, butterfly 78.
hind leg, honeybee 81.
 hind limb 84, 85.
 hind toe 108, 111.
 hind wing 79, 81.
 hinge 202, 203, 225, 253, 257, 378,
 382, 404, 429, 585, 641, 719.
 hinge pin 785.
 hinge tooth 95.
 hinged door 195.
 hinged presser foot 561, 562.
 hip 117, 119.
 hip pad 602.
hip roof 182.
hip-and-valley roof 183.
 hitch pin 540.
 hitting area 596.
hive 82.
 hive 149.
 hive body 82.
 hobble 652.
 hobble hanger 652.
hobo bag 380.
 hock 101, 106.
hockey ball 607.
hockey skate 644.
hockey, playing field 607.
hoe 267.
hoe-fork 266.
 hog score line 620.
 hoist 188, 817.
 hoist room 735.
 hoisting block 786.
 hoisting ring 483.
 hoisting rope 302, 786.
 hoisting system 786.
 holdback 229.
holding 668.
 holding area marking 504.
 holding timekeeper 668.
holds, judo 668.
 hole 583, 676.
 hollow barrel 726.
hollow shot 801.
 home plate 597.
 home-plate umpire 597.
 homestretch 651.
 honey cell 82.
honeybee 80, 82.
honeybee, foreleg 80.
honeybee, hind leg 81.
honeybee, middle leg 80.
 honeycomb 82.
honeycomb section 82.
 hood 204, 260, 320, 349, 426, 440,
 627, 680.
 hooded sweat shirt 352.
hoof 104.
 hoof 101.
hoof, plantar surface 104.
hoofs, types 99.
hook 267.
 hook 203, 230, 310, 562, 566, 567,
 568, 644, 674, 709, 711, 726, 786.
 hook and eyes 566.
hook ladder 303.
 hook ladder 781.
 hooker 606.
 hoop 571.
hoop earrings 361.
 hopper 158, 162.
hopper car 472.
hopper ore car 472.
 horizon mirror 484.
 horizon shade 484.
horizontal bar 660.
 horizontal clamp 713.
 horizontal control 529.
 horizontal end handhold 470.
 horizontal member 756.
 horizontal motion lock 393.
 horizontal movement 696.
horizontal pivoting window 203.
 horizontal seismograph 714.
 horizontal stabilizer 499, 508, 639.
horizontal-axis wind turbine 774.
horn 364.
 horn 430, 444, 468, 779.
 horns 83.
 horns of giraffe 99.
 horns of mouflon 99.
 horns of rhinoceros 99.
horns, major types 99.

horny beak 97.
hors d'oeuvre dish 238.
horse 98, 100, 102, 104.
 horse 661.
horse racing 651.
horse, galts 101.
horse, morphology 100.
horse, skeleton 102.
 horseradish 71.
horseshoe 104, 174, 364.
 horseshoe 104.
 horseshoe mount 14.
horse 344.
 hose 306, 347, 780.
 hose connector 264.
 hose nozzle 265.
hose trolley 265.
hospital 822.
 hot air 501.
 hot bus bar 312.
 hot coolant 771.
 hot line connector 757.
 hot pepper 69.
 hot-air outflow 207.
 hot-air outlet 204.
 hot-air register 206.
 hot-shoe contact 391.
 hot-water circuit 215.
 hot-water heater 215.
 hot-water outlet 208, 297.
 hot-water riser 215.
 hot-water supply line 296, 298.
 hotel 185.
 hotel reservation desk 504.
houppelande 317.
 hour angle gear 14.
 hour hand 707.
 house 193, 620.
 house drain 298.
 house dress 333.
house, exterior 196.
house, foundations 199.
house, frame 198.
house, structure 198.
 housing 233, 280, 305, 310, 374,
 403, 406, 422, 485, 486.
hovercraft 492.
 hub 447, 727, 754, 774.
 hub cover 754.
Hubble space telescope 16.
Hubble's classification 9.
 huckleberry 62.
 hull 67, 628.
 hull column 738.
 hull sonar 809.
human body 116, 118.
human denture 144.
 humerus 102, 122.
 humid - long summer 45.
 humid - short summer 45.
 humid subtropical 45.
humidifier 210.
 humidity 210.
humidity, measure 41.
 hump 465.
 hump lead 465.
 hump office 465.
 Hunter 11, 13.
hunting cap 328.
 Hunting Dogs 11.
hunting weapons 798.
hurdle 656.
 hurricane 39.
hurricane lamp 690.
husk 66.
 husk 72.
hut 165.
 Hydra 11, 13.
 hydrant intake 778, 779.
 hydraulic coupler 147.
 hydraulic cylinder 147, 788.
 hydraulic hose 156, 157, 158.
 hydraulic jack 449.
hydraulic pallet truck 788.
 hydraulic resistance 664.
hydraulic shovel 785.
 hydraulic system 787.
hydroelectric complex 746.
hydroelectric power station,
 cross section 747.
hydrofoil boat 495.
hydrologic cycle 34.
 hydrometer 439.
 hydrosphere 31.
 hydrostatic pad 14.
 Hydrus 13.
 hygograph 41.
hygrometer 210.
 hypha 55.
 hyssop 74.

I

ice 34.
Ice ax 681.
ice ax 680.
Ice cream freezer 251.
Ice cream scoop 246.
ice cube tray 254.
ice dispenser 453.
Ice hockey 608.
Ice hockey player 609.
Ice hockey, rink 608.
ice piton 680.
ice screw 680.
Icing syringe 245.
Identification bracelet 364.
identification tag 383.
idler wheel 445.
Igloo 165.
igneous rocks 23.
ignition box 501.
ignition key 271.
ignition switch 430, 444, 445.
ignition transformer 209.
ileum 131.
iliohypogastric nerve 133.
ilioinguinal nerve 133.
ilium 122.
illumination mirror 713.
imagesetter 527.
Imperial roof 183.
impervious rock 737.
impluvium 170, 171.
impost 174.
Impulse sprinkler 264.
in goal 606.
In-flight refueling 813.
in-flight refueling probe 813.
inactive dyke 752.
inbound line 604.
Incandescent lamp 232.
incandescent lamp 486, 769.
incised figure 580.
incisor 98.
incisors 144.
incoming message cassette 420.
incus 138.
indent 524.
index arm 484.
Index card cabinet 517.
Index card drawer 517.
Index cards 517.
index finger 137.
index hole 529.
index mirror 484.
index shade 484.
Indian 13.
Indian chapati bread 153.
Indian fig 68.
Indian naan bread 153.
Indian Ocean 21.
indicator 710.
indicator board 462, 654.
indicator lights 531.
indicator needle 396.
indicators 405, 410.
indoor shutters 231.
Indoor unit 213.
Indus 13.
industrial communications 417.
industrial pollution 32, 33.
inert gas 232, 233.
inferior cymbal 552.
inferior dental arch 142.
inferior mesenteric artery 132.
inferior nasal concha 141.
inferior umbilicus 110.
inferior vena cava 124, 125, 126, 132.
infild 597.
infiltration 34.
Infinitely 830.
inflated carrying tire 476, 477.
inflated guiding tire 476, 477.
Inflator 687.
inflator 627.
inflator valve 627.
Inflator-deflator 687.
Inflorescences, types 60.
Inflorescent vegetables 69.
Information 223.
information console 627.
information counter 504.
information processing 722.
infrared homing head 814.
infrared sounder 43.
infrapinnous 121.
infundibulum of fallopian tube 129.
inhalation valve 730.

injection/explosion 437.
injector 434.
Ink 581, 588.
ink 389, 581.
inked surface 580.
Inking slab 581.
Inlaid parquet 200.
inlet hose 399.
inlet valve 434, 436.
inner boot 641, 645.
inner circle 620.
inner core 22.
inner door shell 429.
inner edge 104.
inner hearth 204.
inner jib 481.
inner lining 433.
inner lip 94.
inner stators 501.
inner table 697.
inner tent 685, 686.
inner toe 108.
Input devices 526.
input monitors 413.
input selector 402.
input terminal 310.
insectivores 31.
insectivorous bird 111.
Insects 77.
Inset pocket 339.
inside 241.
inside knob 290.
inside left 601.
inside linebacker 603.
inside right 601.
inside-leg snap-fastening 350.
Insole 358.
inspection plug 216.
instep 325.
instrument pallet 511.
Instrument panel 431.
instrument panel 430.
instrument platform 43.
Instrument shelter 41.
instrument unit 509.
insulated blade 310.
insulated handle 310, 311.
insulating material 199, 200, 257.
Insulating materials 287.
insulating sheet 528.
insulating sleeve 309.
insulation 209, 297, 768.
insulation layers 512.
insulator 439, 757.
Intaglio printing 580.
Intaglio printing process 582.
Intaglio printing process, equipment 582.
intake 436, 437.
intake manifold 434, 437.
intake port 436.
Integral 830.
Integral bayonet 794.
Intelsat VII 418.
interchangeable end assembly 14.
interchangeable studs 600.
Interchanges, major types 450.
intercom microphone 413.
intercom station 413.
intercooler 438.
intercostal nerve 133.
interfacing 565.
interfemoral membrane 112.
interior dome shell 14.
interior door handle 429.
interior door lock button 429.
interior pocket 383.
interlining 565.
Interlock 576.
intermediate booster station 740.
intermittent drizzle 39.
intermittent rain 39.
intermittent snow 39.
internal boundary 51.
internal ear 138.
internal filum terminale 134.
internal iliac artery 124, 126, 132.
internal iliac vein 124.
internal jugular vein 126.
Internal tooth lock washer 278.
international boundary 51.
International road signs 825, 827, 828.
International weather symbols 39.
internode 57.
interrupted projection 50.
Intersection 830.
intertragic notch 139.
interval 489.

Intervals 537.
intestine 88, 92, 97, 124.
intrados 174.
intrusive rocks 23.
invert 476.
Inverted pleat 228, 335.
Inward dive 625.
lo 4.
Ionic order 166.
iris 140.
Irish bread 153.
Iron 677.
Iron at high setting 829.
Iron at low setting 829.
Iron at medium setting 829.
iron curtain 188.
Iron, golf 678.
Ironing 829.
irregular crystal 37.
irregular galaxy 9.
Is approximately equal to 830.
Is contained In 830.
Is equal to 830.
Is equal to or greater than 830.
Is equal to or less than 830.
Is equivalent to 830.
Is greater than 830.
Is identical with 830.
Is less than 830.
Is not equal to 830.
Is not identical with 830.
Is not parallel to 830.
Is parallel to 830.
Isba 165.
ischium 123.
island 51, 452.
isobar 38.
isolated danger mark 489.
isoseismal line 23.
isthmus 51.
isthmus of fallopian tube 129.
isthmus of fauces 142.
ivory ball 701.

J

J-2 engine 509.
Jabot 342.
Jack 682, 695.
jack 400, 541, 682.
jack field 407.
jack spring 541.
Jack-up platform 739.
Jacket 321, 331.
jacket 331, 529, 667, 668, 798.
Jackets 338.
Jackleg drill 734.
jackpot box 702.
jackpot feed 702.
jealousie 203.
jamb 202, 204.
Japan plum 64.
Japanese persimmon 68.
javelin 791.
javelin throw 654.
javelins 658.
jaw 276, 280, 281, 311, 365.
Jaw, carnivore's 98.
Jaw, herbivore's 98.
Jaw, rodent's 98.
Jaws, types 98.
jazz band 558.
Jeans 336.
jejumun 131.
jersey 602.
Jerusalem artichoke 71.
jet blast deflector 810.
jet engine test area 811.
jet fuel 745.
Jet refueler 506.
jet tip 373.
Jew's harp 536.
jewel 706.
jewel cap 485.
Jewelry 361, 362, 364.
Jewish hallah 153.
jib 628, 786.
jib tie 786.
jibsheet 628.
jigger topgallant staysail 480.
jigger topmast staysail 480.
jingle 554.
jockey 651.
jockey rollers 448.
jodhpur 648.
joint 389, 577, 670, 675.
Joint filler 291.
jointed mouth 650.
Jointed mouth bit 650.

joist 200.
Joker 695.
journal box 468.
joystick 526.
judge 666, 668, 669.
judge's stand 651.
Judo 668.
Judo suit 668.
juice sac 65.
Julcer 251.
Jump rope 665.
Jump ski 633.
jumper 333.
Jumpsuit 336, 349, 351.
junction box 471.
Jupiter 4.
Justaucorps 315.

K

K-frame 756.
Kaplan turbine 754.
keel 637.
keep 181.
keeper ring 670.
kelly 737.
kernel 72.
kerosene 744, 745.
kerosene tank 509.
Ketch 482.
Kettle 252.
Kettledrum 553.
key 290, 536, 539, 540, 541, 543, 549.
Key case 379.
key finger button 549.
key guard 549.
key lever 549.
key lock 378.
key signature 538.
keybed 540.
Keyboard 530.
keyboard 422, 526, 527, 540, 555, 683.
Keyboard instruments 540.
keyboard port 528.
keystone 174, 177.
keyway 290.
Kick pleat 335.
kickstand 443.
kidney 89, 97, 124.
Kilt 335.
Kimono 348.
Kimono sleeve 340.
King 695.
King 11, 696.
king post 199, 637.
King's side 696.
kingpin 441.
kiosk 453, 475.
kitchen 171, 195, 460, 807.
Kitchen knife 242.
Kitchen knives, types 242.
kitchen scale 244.
kitchen timer 244.
Kitchen utensils 242, 244, 246.
kitchenette 195.
kiwi 68.
knapsack 680.
knee 100, 106, 116, 118.
knee boot 653.
knee boot suspender 653.
knee pad 595, 602, 609.
knee roll 649.
knee sock 642.
Knee-high sock 344.
Knickers 336.
Knife 239, 581, 587, 690.
knife 688.
Knife pleat 335.
knife pleat 323.
Knife-blade cartridge fuse 312.
Knight 696.
Knit cap 329.
Knit shirt 326.
Knitting 567.
Knitting machine 568.
Knitting measure 567.
Knitting needles 567.
Knives, principal types 239.
knob 219, 596.
knob handle 284.
knockout 312.
Knot 576.
knot stitches 571.
Knots 691, 692.
knurled bolt 304.
kohlrabi 71.
Krone 832.
kumquat 65.

L

L 38.
label 404.
label holder 517.
label maker 516.
labial palp 79, 81, 92.
labium majus 128, 129.
labium minus 128, 129.
laboratory 15.
laccolith 25.
lace 596, 644, 669.
lace carriage 568.
Lacerta 11.
lacing 645.
lacrimal duct 140.
lactiferous duct 129.
ladder 449, 487, 493, 741, 785.
ladder and hose strap 777.
ladder pipe nozzle 781.
ladder scaffold 303.
ladders 302.
ladle 801.
ladle 244.
Lady chapel 177.
Lady in the chair 11.
ladybug 77.
lagging 741.
lagoon 30.
lake 7, 27, 51.
lam 572.
lamb 150.
laminboard 288.
lamp 718.
lamp base 486.
lamp socket 309.
lamphouse elevation control 399.
lamphouse head 399.
lanceolate 56.
lancet 174.
land 281.
landing 194, 201, 736.
landing area 655, 657.
landing deck 811.
landing gear lever 500.
landing light 508.
landing net 672.
landing radar 811.
landing window 508.
lane 683.
lane 621, 655.
lane line 656.
lane number 621.
lane rope 621.
lane timekeeper 621.
language display button 422.
languid 542.
lantern 689.
lantern 263, 486.
lantern pane 486.
lapel 322, 341.
lapiatz 24.
lapis lazuli 362.
larch 58.
large blade 688.
large intestine 131.
large wheel 727.
larger round 121.
larva 82.
larynx 130, 142.
laser beam 405.
laser printer 527.
last quarter 7.
latch 253, 257, 383, 568, 681.
latch bolt 289, 290.
latch lever 562.
latch needle 568.
latch needle 569.
lateen sail 482.
lateral bar 663.
lateral condyle of femur 123.
lateral cutaneous nerve of thigh 133.
lateral filing cabinet 520.
lateral great 120, 121.
lateral groove 104.
lateral incisor 144.
lateral line 87, 260.
lateral mark 489.
lateral moraine 27.
lateral rectus muscle 140.
lateral semicircular canal 139.
lateral-adjustment lever 277.
lath 231.
lath tilt device 231.
latitude 3.
latitude scale 40.
latrines 171.
launch escape system 509.
launcher/satellite separation 419.

launching into orbit 419.
launching orbit 48.
laundry room 194.
lava flow 25.
lava layer 25.
lavatory 195.
lavatory truck 506.
lawn 193, 263.
lawn aerator 266.
lawn edger 266.
lawn rake 267.
leach field 216.
lead 620.
lead bail 804.
lead pencil 389.
lead screw 281.
lead-in wire 232.
leader 672.
leading edge 341, 499, 636, 638.
leading edge flap 812.
leading edge tube 637.
leaf 56.
leaf 57, 72.
leaf axil 56.
leaf margin 56.
leaf node 57.
leaf vegetables 73.
leakproof cap 689.
lean-to roof 182.
leash rod 574.
leather end 323.
leather goods 378.
leather sheath 690.
leather sheath 632.
leather skin 598.
leaves, types 56.
leaves, types of 58.
ledger 198.
ledger line 537.
leech 631.
leek 70.
left atrium 124, 125.
left back 601, 607, 612, 613.
left center 606.
left channel 401.
left cornerback 603, 605.
left defense 608.
left defensive end 603, 605.
left defensive tackle 603, 605.
left elevating handwheel 802.
left field 597.
left fielder 597.
left forward 610, 613.
left guard 603, 605, 610.
left half 601, 607.
left halfback 603.
left inner 607.
left kidney 132.
left lung 124, 130.
left outside linebacker 605.
left pulmonary vein 125.
left safety 603.
left safety back 605.
left service court 614, 616.
left tackle 603, 605.
left valve, shell 95.
left ventricle 124, 125.
left wing 606, 607, 608.
left winger 612.
leg 97, 117, 119, 156, 219, 224, 270, 325, 553, 619, 659, 671.
leg curl bar 663.
leg extension bar 663.
leg position 625.
leg-of-mutton sleeve 340.
leg-warmer 353.
legging 680.
legume, section 67.
lemon 65.
length post 651.
lengthwise grain 565, 566.
lens 140, 390, 392.
lens accessories 392.
lens aperture scale 392.
lens cap 392.
lens hood 392, 409, 484.
lens mount 390.
lens release button 391.
lens system 719.
lenses 392, 722.
lenticular galaxy 9.
lentils 72.
Leo 11.
Leo Minor 11.
Leo the Lion (July 23) 820.
leopard 353.
Lepus 13.
lesser covert 110.
letter opener 515.
letter scale 516.
leucoplast 115.
level 736.
level crossing 464.
leveling foot 257, 258, 259.
leveling head 713.
leveling head level 713.
leveling head locking knob 713.
leveling screw 40, 709, 713.
leveling-adjustment foot 397.
lever 252, 278, 295, 296, 365, 453, 583, 702, 798.
lever corkscrew 244.
lever cover 295.
levigator 583.
Libra 13.
Libra the Balance (September 23) 820.
license plate light 429.
lid 247, 248, 251, 252, 253, 256, 258, 398, 585.
lid brace 585.
lierne 177.
life buoy 495.
life raft 492.
life support system 512.
life support system controls 512.
lifeboat 478, 494, 496, 738.
lift 478.
lift arm 782.
lift bridge 457.
lift chain 293.
lift cord 231.
lift cord lock 231.
lift span 457.
lift-arm cylinder 782.
lift-fan air inlet 493.
lifting chain 787.
lifting handle 803.
lifting hook 737.
lifting lever 147.
lifting link 147.
ligament 95.
ligature 548.
light 477, 486, 487, 489, 720, 721.
light bar 779.
light machine gun 796.
light sensor 390.
light shield 16.
light signal 539.
light-load adjustment screw 712.
light-reading scale 396.
lightbox 398.
lighted mirror 368.
lighthouse 486.
lighthouse 491.
lighthouse lantern 486.
lighting 368, 500.
lighting board 412.
lighting board operator 412.
lighting cable 449.
lighting grid 414.
lighting grid access 412.
lighting technician 412.
lighting/camera control area 412.
lighting 36.
lightning arrester 747, 757.
lightning rod 197.
lights 232, 234, 236, 429.
limb 59, 684.
limb top 718.
limousine 425.
limpet 83.
line 537, 700, 701.
line guide 671.
line hook 492.
line judge 603, 605.
line map 474.
line of scrimmage 603, 605.
linear 56.
lineman's pliers 311.
linen 224.
linen 460.
linen chest 226.
lines of latitude 47.
lines of longitude 47.
linesman 601, 605, 608, 613, 614, 618.
lingual papillae 143.
lingual tonsil 143.
lining 322, 324, 352, 354, 378, 565, 644.
linseed oil 592.
linstock 801.
lint filter 258.
lint trap 259.
lintel 175, 204.
Lion 11.
lion 98.
lion passant 819.
lip 100, 107.

lip makeup 366.
lip strap ring 650.
lipbrush 366.
lipid droplet 115.
lipflner 366.
lipstick 366.
liqueur glass 237.
liquid compass 484.
liquid compass, cross section 485.
liquid-cooling and ventilation garment 512.
liquid eyellner 367.
liquid foundation 366.
liquid hydrogen tank 509.
liquid mascara 367.
liquid nitrogen tank 717.
liquid oxygen tank 509.
liquid oxygen tank baffle 509.
liquid-crystal display 706.
liquid/gas separator 439.
lira 832.
listen button 420.
lists 181.
litchi 68.
litlio crayon 583.
litlio pencil 583.
lithographic press 583.
lithographic printing 580.
lithographic stone 583.
lithographic tusche 583.
lithography 583.
lithography, equipment 583.
lithosphere 31.
Little Bear 11.
Little Dog 11.
little finger 137.
little finger hook 551.
Little Horse 11.
Little Lion 11.
liver 88, 97, 124, 131.
Liverpool bit 650.
livestock car 472.
living room 195, 685.
Lizard 11.
load support 635.
loading area 764.
loading bunker 734.
loading dock 190.
loading door 204.
loafer 355.
lobate 56.
lobate toe 111.
lobby 190, 504.
lobe 111.
lobster 90.
lobule 139.
local station 416.
location of the statue 169.
lock 289, 290.
lock 202, 225, 289, 380, 383, 429, 448, 752.
lock dial 530.
lock emptying system 492.
lock filling and emptying opening 493.
lock filling and emptying system 492.
lock filling intake 493.
lock filling opening 493.
lock forward 606.
lock nut 40, 711.
lock rail 202.
lock ring 397.
lock switch 396.
lock washer 278.
lock-chamber 493.
locked groove 404.
locker 522.
locket 361.
locking button 260.
locking device 260, 302.
locking lever 471.
locking pliers 278.
locking ring 276, 802.
locknut 296.
locomotive track 465.
loculus 64.
log 288.
log carrier 205.
log chute 746.
log tongs 205.
log, section 288.
loin 101, 117, 119.
long adductor 120.
long and short stitch 571.
long extensor of toes 120.
long jump take-off board 655.
long palmar 120.
long peroneal 120.
long radial extensor of wrist 121.
long residue 744.
long service line 618.

long-range jet 498.
 longitude 3.
 longitudinal dunes 46.
 loop 324, 452.
 loop stitches 571.
 loophole 181.
loose curtain 228.
loose fill insulation 287.
loose powder 366.
loose powder brush 366.
lopping shears 269.
 lore 109.
lorgnette 377.
lost and found articles 823.
 loudspeaker 779.
 loudspeakers 400.
 lounge 496.
 louver 214.
 louver-board 175.
louvered window 203.
 lovage 74.
love seat 221.
 low (1 to 18) 700, 701.
 low bar 659.
 low beam 429.
low clouds 44.
 low fuel warning light 431.
 low pressure center 38.
low warp loom 572.
 low-pressure steam 758.
 low-tension distribution line 757.
 lower blade guard 284.
 lower bowl 247.
 lower cheek 650.
 lower chord 455.
 lower eyelid 84, 107, 140.
 lower fore topgallant sail 481.
 lower fore topsail 481.
 lower gate 492.
 lower gill arch 87.
 lower girdle facet (16) 363.
 lower guard retracting lever 284.
 lower lateral lobe 61.
 lower lateral sinus 61.
 lower level 493.
 lower limb 793.
 lower lip 142, 542.
 lower lobe 130.
 lower mandible 109.
 lower mantle 22.
 lower mast 478.
 lower shell 641.
 lower sphere clamp 40.
 lower support screw 40.
 lubber's line 485.
 lubricants plant 745.
 lubricating oils 745.
 lubricating system 469.
 lubricator 735.
 Luer-Lock tip 726.
 luff 631.
 lug 432, 553.
luge 643.
luggage 382.
luggage carrier 382.
 luggage elastic 382.
 luggage rack 445, 449, 461.
 lumbar pad 602.
 lumbar plexus 133.
lumbar vertebra 135.
 lumbar vertebra (5) 123.
 lumbar vertebrae 103.
lunar eclipse 8.
lunar features 7.
 lunar module 509.
 lung 97.
 lunula 137.
 lunule 95.
 Lynx 11.
 Lyra 11.
 Lyre 11.
lyre 535.
 lysosome 115.

M

macaroni 587.
machete 794.
machicolation 181.
 machicolation 180.
 machine gun 805.
 machine hall 746, 747.
machine wash in hot water at a normal setting 829.
machine wash in lukewarm water at a gentle setting/reduced agitation 829.
machine wash in warm water at a gentle setting/reduced agitation 829.

machine wash in warm water at a normal setting 829.
 machinery shed 148.
 macro set button 409.
 magazine 795, 796, 797.
 magazine base 797.
 magazine catch 795, 797.
 magma 25, 28.
 magma chamber 25.
magnet 563.
 magnet 406, 485, 714.
magnetic compass 719.
 magnetic damping system 708.
 magnetic field 410.
 magnetic gasket 254.
 magnetic lid holder 256.
 magnetic needle 719.
 magnetic suspension 712.
 magnetometer 42.
 magnifier 688.
 main breaker 312.
 main carriage 568.
 main circuit vent 215.
 main cleanout 215.
 main deck 811.
 main duct 206.
 main electric motor 806.
 main engines 511.
 main entrance 190, 194.
 main fan 734.
 main handle 280.
 main inlet 741.
 main landing gear 499, 812.
 main lanes 452.
 main leg 756.
 main lever 590.
 main line 464.
 main lower topgallant sail 481.
 main lower topsail 481.
 main mirror 720.
 main parachute 635.
 main power cable 312.
 main preview monitor 413.
 main reflex mirror 390.
 main return pipe 208.
 main royal sail 481.
 main sail 481.
 main scope tube 718.
 main section 700, 701.
 main sewer 186.
 main stalk 61.
 main stand 443.
 main steam header 759.
 main steam pipes 759.
 main supply pipe 208.
 main switch 757.
 main transformer 458.
 main tube 720, 721.
 main upper topgallant sail 481.
 main upper topsail 481.
 main vent 25.
 main wheel 707.
 mainmast 479.
 mainsail 628.
 mainsheet 628.
 maintenance 453.
 maintenance area 415.
 maintenance hangar 503.
 maintenance shop 734.
major amphibians 85.
major inner reaping throw 668.
major outer reaping throw 668.
makeup 366.
 malar region 109.
male 831.
 male cone 58.
 male ferrule 670.
male genital organs 127.
 male urethra 127.
mallet 275, 581, 586.
 mallet 552.
mallets 553.
 malleus 138.
 mammary gland 129.
 mandarin 65.
mandarin collar 342.
 mandible 78, 80, 81, 86, 102, 122.
mandolin 535.
 mane 100.
 maneuvering bar 162.
 maneuvering engine 511.
 maneuvering lever 787, 788.
 mango 63.
 manhole 186, 741.
manicure 365.
manicure set 365.
manicuring implements 365.
 manifold 738.
 manned maneuvering unit 512.
 manometer 741.

manrope 457.
mansard roof 183.
 mantel 204.
 mantel shelf 204.
 mantle edge 92.
 manual 543.
 manual focusing knob 397.
 manual release 641.
 manual/automatic mode 585.
manually-operated switch 467.
 manuals 542.
manure spreader 156.
 manure spreader 154.
 manway 736.
map projections 50.
Marconi cutter 482.
 margin 57.
 margin control 525.
 margin release 524.
 marginal shield 96.
 marine 45.
 marine diesel 745.
maritime buoyage system 488.
 maritime communications 417.
maritime signals 486.
 maritime transport 735.
marker 389, 515.
 marker 683.
 marker light 440, 441.
marker pen 588.
 marking dot 565.
marks by night, rhythm 489.
 Mars 4.
 mars light 781.
 martingale 666.
mascara brush 367.
 mask 595, 627, 667.
mason's trowel 291.
masonry 291.
 mass 714.
 masseter 120.
 mast 464, 471, 508, 628, 631, 787, 788.
 mast foot 631.
 mast sleeve 631.
 master bedroom 194.
 master carrier 230.
 master cord 645.
 master gate valve 740.
 masthead 479, 631.
 masthead light 495.
masting 478.
mat 668.
 mat 682.
matchbook 386.
matchbox 386.
 matchstick 386.
material handling 786, 788.
mathematics 830.
matinee-length necklace 361.
mattress 687.
 mattress 224, 726.
 mattress cover 224.
maulstick 591.
 maxilla 81, 86, 90, 122, 141.
 maxillary bone 144.
 maxillipeds 90.
 maximum thermometer 41.
 meadow 149.
measure of air pressure 41.
measure of angles 713.
measure of cloud ceiling 41.
measure of distance 711.
measure of humidity 41.
measure of length 711.
measure of pressure 710.
measure of rainfall 40.
measure of seismic waves 714.
measure of snowfall 41.
measure of sunshine 40.
measure of temperature 41, 705.
measure of thickness 711.
measure of time 706.
measure of weight 708.
measure of wind direction 41.
measure of wind strength 41.
 measuring button 396.
 measuring cups 244.
 measuring spoons 244.
 measuring tube 40.
measuring, utensils 244.
 meat 33.
meat grinder 243.
 meat keeper 254.
 meat thermometer 244.
mechanical connectors 300.
mechanical pencil 389, 515.
 mechanical shovel 733.
 mechanical stage 718.
 mechanical stage control 718.

mechanical variometer 639.
mechanical watch 706.
 mechanics 453.
 medial condyle of femur 123.
 medial great 120.
 medial moraine 26.
 medial rectus muscle 140.
 median 452.
 median groove 104.
 median lingual sulcus 143.
 median nerve 133.
 median strip 184.
 Mediterranean Sea 21.
 Mediterranean subtropical 45.
 medium 666.
medium format SLR (6 x 6) 395.
 medium tension distribution line 757.
 medulla 132.
 medulla oblongata 134.
 Meissner's corpuscle 136.
 melody strings 535.
 meltwater 27.
memo pad 518.
 memory button 402, 420.
 memory cancel 396, 523.
 memory key 396, 405.
 memory recall 523.
 memory recall key 396.
 men 697.
men's bag 380.
men's clothing 319, 320, 322, 324.
men's rest room 822.
 Mercury 4, 232.
mercury barometer 41.
 mercury bulb 705.
merging traffic 824.
meridienne 221.
 merlon 181.
 mesa 46.
 mesh 619.
 mesocarp 62, 63, 64, 65.
 mesosphere 19.
 mesothorax 78.
 message display 532.
 metacarpus 102, 107, 122.
 metal A 307.
 metal arm 264.
 metal B 307.
 metal counterhoop 553.
 metal frame 540.
 metal head 658.
 metal rail 517.
 metal rod 554.
 metal structure 463.
 metallic contact grid 768.
 metallic plastron 667.
 metals 33.
metals, examples 819.
 metamorphic rocks 23.
 metatarsus 80, 103, 122.
 metathorax 78.
meteorology 38.
meteorology, measuring instruments 40.
meteorology, station model 38.
 metope 167.
metronome 539.
 mezzanine 195, 474.
mezzanine floor 194.
 mezzanine stairs 195.
Michigan snowshoe 645.
micrometer caliper 711.
 micrometer screw 484, 713.
 microphone 407, 414, 420, 639.
 microphone boom 412, 414.
 microphone boom tripod 414.
 microprocessor 528.
 microwave dish 415.
microwave oven 253.
 microwave scanner 43.
 microwave transmitter 415.
mid-calf length 325.
mid-ocean ridge 28.
middle clouds 44.
 middle covert 110.
 middle ear 138.
 middle finger 137.
 middle jib 481.
 middle leg 79, 80.
middle leg, honeybee 80.
 middle linebacker 603, 605.
 middle lobe 130.
 middle nasal concha 141.
 middle panel 202.
 middle phalanx 107, 122, 123, 137.
 middle piece 127.
 middle primary covert 110.
 middle sole 352.
 middle toe 108.
 middle torus 167.

middy 337.
 midrange 16, 400.
 midrange pickup 547.
 midrib 56, 67.
 midriff band 346.
 Mihrab 173.
 Mihrab dome 173.
 military communications 417.
milk bread 153.
 Milky Way 11.
millet 152.
 minaret 172, 173.
 Minbar 173.
 miners' changing-room 735.
mini shirtdress 337.
mini-floppy disk 529.
 minimum thermometer 41.
minivan 425.
 mint 74.
minute 830.
 minute hand 706, 707.
 mirror 292, 382, 442, 444.
 missile launch rail 813.
 missile launcher 811.
 missile stowage 808.
missile, structure 814.
missiles 814.
missiles, major types 814.
 mist 37, 39.
 mitre gate recess 493.
 mitre gauge 285.
 mitre gauge slot 285.
 mitochondrion 115.
 mitral valve 125.
mitt 327.
mitten 308, 327.
 mitten 680.
 mixing bowl 250.
mixing bowls 245.
mixing chamber 306.
 mizzen royal brace 480.
 mizzen royal staysail 480.
 mizzen sail 480.
 mizzen topgallant staysail 480.
 mizzen topmast staysail 480.
 mizzenmast 476.
 moat 178, 181.
mobile drawer unit 521.
mobile filling unit 521.
mobile passenger stairs 507.
mobile unit 415.
 mobile unit 416.
moccasin 355.
 mock pocket 330.
 mode 525.
 mode selector 402.
 mode selectors 408.
 modem 526.
 modem port 528.
moderator 766.
 moderator tank 761.
moderator: graphite 760.
moderator: heavy water 761.
moderator: natural water 762, 763.
 modern bow 793.
modern howitzer 802.
modern mortar 803.
 modesty panel 521.
 modillion 167.
 modulation wheel 555.
 Mohorovicic discontinuity 22.
 moist surface 580.
moistener 516.
 moisture in the air 34.
 molar 98.
molar, cross section 144.
 moials 144.
 moldboard 156.
molded insulation 287.
 molding 199.
mollusk 92.
monitor roof 182.
 monitor wall 412, 413, 415.
monocle 377.
 mons pubis 128.
 monster 605.
 monument 52.
Moon 7.
 Moon 4, 8.
 Moon dial 707.
 Moon's orbit 8.
Moon, phases 6.
moons 4.
 mooring chain 486.
 moose 105.
 mordent 538.
 morel 55.
mortar 243, 803.
 mortise 385.
mortise lock 290.

mosaic 171.
mosque 172.
mosque, plan 173.
moss stitch 567.
 motor 161, 214, 257, 258, 259, 270, 271, 272, 283, 284.
 motor air inlet 813.
 motor car 476, 477.
 motor end plate 134.
motor home 449.
 motor neuron 135.
 motor root 135.
 motor truck 459.
 motor unit 250, 251, 256, 260, 373, 458.
motorcycle 442, 444.
motorcycle dashboard 445.
motorcycle, dashboard 445.
motorized earth auger 270.
 mount frame binder 397.
mountain 27.
 mountain mass 51.
 mountain range 7, 23, 51.
 mountain slope 27.
 mountain torrent 27.
mountaineer 680.
mountaineering 680.
 mountaineering boot 680.
 mountaineering shoe 680.
mountaineering, equipment 681.
 mounting 666.
 mounting bracket 684.
 mounting foot 393.
 mounting plate 233.
 mounting point 501.
mouse 530.
 mouse 526, 527.
mouth 142.
 mouth 83, 84, 92, 118, 542, 650.
mouthparts 81.
 mouthpiece 548, 550, 627, 669.
 mouthpiece receiver 550.
 mouthpiece 550.
movable bridges 457.
 movable jaw 279, 282.
 movable maxillary 96.
 movie theater 496.
 moving coil 406.
mowing 154, 158.
 Mt Everest 19.
 mud flap 427, 440, 441.
 mud injection hose 737.
 mud pit 737.
 mud pump 737.
 mudguard 147.
muff 381.
muffin pan 245.
 muffler 439.
 muffler felt 540.
 muffler pedal 540.
mule 355.
mullet 819.
multi-ply plywood 288.
multi-purpose ladder 303.
 multimeter 310.
 multiple exposure mode 391.
 multiple use key 523.
multiple-span beam bridge 454.
multiplication 830.
 multiply key 523.
 multipurpose antenna 807.
 multipurpose tool 311.
multipurpose vehicle 425.
mummy 687.
 muntin 202, 203.
 Musca 13.
 muscle fiber 134.
 muscle scar 95.
 muscle segment 89.
muscles 120.
 museum 185.
mushroom 55.
mushroom anchor 483.
mushroom, structure 55.
 music rest 539.
music stand 539.
 music stand 542, 555.
musical accessories 539.
 musical advisers 412.
musical notation 537, 538.
 muskmelon 69.
 mustard 67.
 mute 551.
 mutule 167.
 muzzle 100, 106, 107, 797, 798, 799, 800, 803.
muzzle loading 800.
muzzle loading, cross section 801.
 mycelium 55.
 myelin sheath 135.

N

nacelle 774.
 nacreous cloud 19.
nail 275.
 nail 104.
 nail bed 137.
 nail cleaner 365.
nail clippers 365.
 nail file 365.
 nail hole 104.
 nail matrix 137.
 nail nick 688.
 nail scissors 365.
 nail shaper 365.
nail whitener pencil 365.
naked strangle 668.
 name plate 280, 712.
nameplate 364.
 naos 169.
 nape 108, 117, 119.
 naris 141.
 nasal bone 141.
 nasal cavity 130.
nasal fossae 141.
 nasopharynx 141.
 national broadcasting network 416.
 national park 52.
 natural 538.
 natural arch 30.
natural sponge 367.
 nave 177.
 navel 116, 118.
navette cut 363.
navigation devices 484.
 navigation display 500.
 navigation light 493, 499.
 navigation periscope 807.
Neapolitan coffee maker 247.
 neck 97, 100, 117, 118, 119, 127, 144, 240, 241, 410, 544, 545, 546, 547, 579, 661, 678.
 neck end 324.
 neck guard 777.
 neck of femur 123.
 neck strap 729.
 neckhole 325.
necklaces 361.
necklines 343.
 neckroll 224.
necks 343.
 neckstrap eyelet 390.
necktie 324.
 nectarine 63.
needle 562, 632.
 needle 36, 561, 562, 563, 590, 726.
 needle assembly 590.
 needle bar 562.
needle bed 568.
 needle bed 568.
 needle bed groove 568.
 needle clamp 562.
 needle clamp screw 562.
 needle hub 726.
 needle plate 561.
 needle position selector 561.
needle threader 563.
needle tool 585.
needle-nose pliers 311.
 negative 399.
negative carrier 399.
 negative carrier 399.
negative charge 831.
 negative contact 768, 769.
 negative meniscus 722.
 negative plate 439.
 negative plate strap 439.
 negative region 768.
 negative terminal 439.
negligee 348.
 neon lamp 310.
neon tester 310.
 Neptune 5.
 nerve 136.
 nerve fiber 136.
 nerve termination 136.
nervous system 133, 134.
nest of tables 219.
 Net 13, 610, 612, 613, 614, 618, 619, 626.
net 613, 614, 618.
 net band 614.
 net judge 614.
net stocking 344.
 net support 619.
netball 611.
netball, court 611.
 network communication 527.
 network port 528.
 neural spine 89.

neurons 135.
 neutral conductor 757.
 neutral indicator 445.
 neutral service wire 312.
 neutral wire 312.
 neutral zone 603, 605, 608.
 new crescent 6.
 new fuel storage room 764.
 new moon 6.
 newel post 201.
 next call 422.
 nib 389.
 nictitating membrane 107.
nightgown 348.
nightwear 348.
 nimbostratus 44.
nipple 301.
 nipple 116, 118, 129.
no access for wheelchairs 822.
no entry 824, 825.
no U-turn 824, 825.
 no. 3 iron 678.
 no. 4 iron 678.
 no. 3 wood 678.
 no. 4 iron 678.
 no. 5 iron 678.
 no. 5 wood 678.
 no. 6 iron 678.
 no. 7 iron 678.
 no. 8 forward 606.
 no. 8 iron 678.
 no. 9 iron 678.
 nock 684, 793.
 knocking point 684.
 noctilucous cloud 19.
 node 756.
 node of Ranvier 135.
 non-add/subtotal 523.
 North 488.
 North America 20.
North American road signs 824, 826, 828.
 North celestial pole 3.
 North Pole 3.
 North Sea 21.
 North Star 11.
 Northeast 488.
 Northern Crown 11.
 Northern hemisphere 3, 47.
 Northwest 488.
nose 141.
 nose 100, 118, 498, 637, 638, 792, 798.
 nose cone 501.
 nose landing gear 498.
 nose leaf 112.
 nose leather 107.
 nose of the quarter 352, 354.
 nose pad 376.
 noseband 649.
 nosing 201.
 nostril 84, 86, 96, 100, 109.
 notch 322, 341, 565, 656, 674, 708.
notched double-edged thinning scissors 369.
 notched edge 369.
 notched lapel 319, 320.
notched single-edged thinning scissors 369.
note symbols 538.
 nozzle 209, 264, 291, 304, 509, 510, 590, 778.
 nuchal shield 97.
 nuclear boiler room 806.
nuclear energy 758, 760, 762, 764, 766.
 nuclear envelope 115.
nuclear fuel handling sequence 764.
nuclear generating station 758.
nuclear reactor 765.
 nuclear whorl 94.
 nucleolus 115, 128.
 nucleus 9, 115, 128, 135.
 number 656, 701.
 number key 421, 523.
 number of decimals 523.
 number of tracks sign 471.
 number three 620.
 number two 620.
numbering machine 516.
 numeric keypad 422, 709.
 numeric keypad 530.
nut 279.
 nut 278, 279, 290, 300, 466, 544, 546, 547, 793.
nutcracker 243.
nuts 66.
nuts, major types 66.
nylon rumba tights 349.
 nylon yarn 271.

O

o-ring 294, 295.
oar 664.
oarlock 632.
oars, types 632.
oasis 46.
oats 152.
object balls 673.
objective 718.
objective lens 391, 392, 396, 397, 405, 718, 719, 721.
oboe 548.
oboes 557.
obscured sky 39.
observation deck 505.
observation window 510.
observatory 14.
obstacles 647.
obturator nerve 133.
obtuse angle 830.
occipital 121.
occipital bone 123.
occluded front 39.
ocean 7, 35, 51.
ocean floor 28.
ocean, topography 28.
Oceania 21.
oche 698.
octave 537, 667.
octave mechanism 548.
odd 700, 701.
odd pinnate 56.
odometer 431.
offense 603.
offense 605.
office 453, 462.
office building 190.
office building 185, 491.
office furniture 520, 522.
office tower 184, 190.
officers' quarters 807, 808.
officials' bench 608.
offset 301.
offshore drilling 739.
offshore well 740.
ogee 174.
ogee roof 182.
oil 737, 738, 740, 744.
oil 737.
oil burner 209.
oil drain plug 434.
oil paint 588.
oil pan 272, 434.
oil pan gasket 434.
oil pastel 588.
oil pressure warning indicator 445.
oil processing area 738.
oil pump 209.
oil supply inlet 209.
oil supply line 209.
oil terminal 491.
oil warning light 431.
oil-filled heater 211.
oil/gas separator 738.
oilier 734.
oilstone 582.
okra 69.
old crescent 7.
old-fashioned glass 237.
olecranon 102, 123.
olfactory bulb 88, 142.
olfactory membrane 142.
olfactory nerve 88, 142.
olive 63.
on guard line 666.
on the wind 629.
on-air warning light 407.
on-deck circle 597.
on-off button 256.
on-off indicator 370.
on-off switch 234, 247, 260, 305, 368, 370, 373, 374, 485.
on/off 408.
on/off light 420.
on/off switch 391, 397, 406.
on/off/volume 408.
on/play button 420.
1 m springboard 624.
one pair 695.
one way head 276.
one-arm shoulder throw 668.
one-bar shoe 356.
one-person tent 686.
one-piece coverall 635.
one-piece suit 643.
1/10th second hand 706.
120-volt circuit 312.
one-toe hoof 99.

one-way traffic 824, 825.
opal 362.
open end wrench 279.
open stringer 201.
open strings 535.
open-air terrace 497.
open-face spinning reel 671.
open-plt mine 733.
opening 327.
opening, utensils 244.
opera glasses 377.
opera-length necklace 361.
operating cord 230.
operating dam 752.
operating floor 752.
operating rod 796.
operation control room 807.
operation keys 422.
operator's cab 786.
operculum 84, 86.
Ophiuchus 11, 13.
opisthodomos 169.
opposite prompt side 189.
optic chiasm 134.
optic nerve 140.
optical disk 527.
optical disk drive 527.
optical scanner 526.
optical sight 713.
or 819.
oral cavity 130, 131.
oral hygiene center 373.
oral irrigator 373.
orange 65.
orange 65.
orbicular of eye 120.
orbiculate 56.
orbit of the satellites 43.
orbits of the planets 4.
orchard 149.
orchestra pit 188.
orchestra seats 188.
order 175.
ordinaries, examples 818.
ordinary die 699.
ore 733.
ore pass 736.
oregano 74.
organ 542.
organ console 542.
organ, mechanism 543.
organ, production of sound 543.
Oriental couching stitch 571.
oriflame 817.
original overlay 532.
Orion 11, 13.
ornamental tree 148, 263.
ornaments 538.
ortho-cane 728.
oscillating sprinkler 264.
otolith 88.
ottoman 222.
outbound track 465.
outdoor condensing unit 212.
outdoor light 196.
outdoor unit 212.
outer boundary line 616.
outer circle 620.
outer core 22.
outer edge 104.
outer jacket 297.
outer jib 481.
outer lip 94.
outer shell 309.
outer stators 501.
outer table 697.
outer toe 108.
outgoing announcement cassette 420.
outlet 309.
outlet 449.
outlet grille 211.
outlet hose 399.
output devices 527.
output jack 547.
output monitor 413, 415.
outrigger 632, 780, 785, 786.
outside counter 354.
outside knob 290.
outside left 601.
outside linebacker 603.
outside mirror 426.
outside mirror control 429.
outside right 601.
outside ticket pocket 322.
outside right 601.
outside ticket pocket 322.
outsole 353, 355.
outwash plain 27.
oval cut 363.
oval head 276.
ovary 60, 128, 129.
ovate 56.
oven 255.
oven control knob 255.
over-blouse 337.
overalls 336.
overburden 733.
overcast sky 39.
overcheck 653.
overcoat 320, 331.
overdrapery 229.
overflow 215, 292.
overflow pipe 297.
overflow protection switch 257.
overflow tube 293, 399.
overhand knot 691.
overhead clearance 826, 827.
overhead connection 757.
overhead frame 784.
overhead ground wire 756.
overhead guard 787.
overhead switch panel 500.
overlap carrier 230.
overlay flooring 200.
overpass 452, 454.
ovule 60.
ox 151.
oxer 646.
oxford shoe 354.
oxyacetylene welding 306.
oxygen cylinder 306.
oxygen feeding control 639.
oxygen feeding knob 639.
oxygen pressure actuator 512.
oxygen valve 306.
oyster 92.
oyster 93.
oyster fork 240.
oyster knife 242.
oyster mushroom 55.
ozone 19.

P

pace 101.
Pacific Ocean 20.
Pacinian corpuscle 136.
packing 294.
packing nut 294.
packing retainer ring 294.
pad 598.
pad arm 376.
pad plate 376.
padding 635.
paddock 651.
pagoda sleeve 340.
paint roller 304.
painted line 452.
Painter's Easel 13.
painting 588, 590, 592.
painting knife 589.
painting upkeep 304.
painting, accessories 591, 592.
painting, equipment 589.
pajamas 348.
palatine tonsil 143.
palatoglossal arch 142.
pale 818.
palette with dipper 592.
palette with hollows 592.
paling fence 263.
pallet 543, 707, 787.
pallet spring 543.
pallet truck 788.
pallial line 95.
pallial sinus 95.
palm 105, 137, 327, 483, 596.
palm grove 46.
palmar pad 106.
palmate 56.
palmette 220.
pan 708, 709, 795.
pan cover 795.
pan hook 708.
panama 328.
pancake pan 249.
pancreas 131.
pane 203.
panel 589.
panel 202, 229, 323, 346, 634, 649, 736, 756.
panoramic head 393.
panoramic window 190, 460.
panpipe 536.
pantograph 458.
pantry 195.
pants 323.
pants 353, 595, 602, 609, 680.
pants, types 336.
panty corselette 347.
panty girdle 346.
panty hose 344.

papaya 68.
paper 589.
paper 384, 580.
paper advance setting 531.
paper bail 524, 531.
paper bail release lever 525.
paper bail roller 531.
paper catcher 521.
paper clamp 531.
paper clips 515.
paper fasteners 515.
paper feed channel 521.
paper feed key 523.
paper guide 421, 531.
paper in reserve 532.
paper punch 516.
paper release lever 525.
paper support 525.
paper tray 521.
paper trays 532.
papilla 136, 140.
papillary muscle 125.
parabolic antenna 415.
parabolic dune 46.
parabolic mirror 770.
parabolic reflector 15.
parachute 812.
parachute valve 634.
parade ground 178.
paraffins 745.
paragliding 636.
paragliding pilot 636.
parallel 47.
parallel bars 661.
parapet 454.
parapet walk 181.
parcels office 462.
parentheses 832.
parietal bone 123.
parietal pleura 130.
paring knife 242.
park 52, 184.
parka 321.
parka 680.
parking 190, 193, 464.
parking area 503.
parking brake lever 430.
parking lot 185, 491, 504.
parsley 74.
parsnip 71.
parterre 189.
partial eclipse 8.
particle board 289.
partition 520.
partition 66.
partitions, examples 818.
partlow chart 441.
party 818.
pass 27.
passenger cabin 493, 494, 495, 499.
passenger car 477.
passenger car 458, 476.
passenger liner 496.
passenger platform 462.
passenger station 462.
passenger station 184, 464.
passenger terminal 504.
passenger terminal 491, 503.
passenger train 462.
passenger transfer vehicle 507.
passenger transfer vehicle 505.
passing lane 452.
passing prohibited 824, 825.
passport case 379.
passport control 505.
pasta maker 243.
pastern 101.
pastry bag and nozzles 245.
pastry brush 245.
pastry cutting wheel 245.
patch pocket 339.
patch pocket 320, 322, 350.
patella 103, 122.
patera 220.
path 263.
patio 193, 263.
patio door 195.
pattern 565, 586.
pattern 570.
pattern start key 569.
pauldron 792.
pause 539.
pause button 403.
pause/still 411, 831.
pavilion 363.
pavilion facet (8) 363.
pavilion roof 183.
Pavo 13.
pawl 281.
Pawm 696.

- pay phone** 422.
 payload 509.
 payload bay 510.
 payload bay door 510.
 payload module 49.
 payout tray 702.
 payout trigger 702.
 pea 67.
 pea jacket 330.
peach 63.
 peach 63.
 Peacock 13.
 peak 27, 328, 329, 729.
 peak level meter 403.
 peaked lapel 322.
 peanut 66.
 pear 64.
 pear-shaped body 535.
pear-shaped cut 363.
 pearl 105.
 pearls 105.
 pecan nut 66.
 pecten 81.
 pectoral deck 663.
 pectoral fin 86.
 pectoral limb 124.
 pedal 446, 448, 545, 552, 553, 656, 664.
 pedal key 542.
 pedal keyboard 542.
pedal pushers 336.
 pedal rod 540.
 pedestal 453, 545.
pedestal-type sump pump 216.
pedestrian crossing 826, 827.
 pedestrian crossing 186.
 pedicel 60, 61, 62, 63, 64.
 pedicle 105.
 pediment 166, 168, 707.
pedometer 711.
 peeled veneer 288.
peeler 242.
 peep hole 471.
 peg 225, 385, 544, 546, 571, 575.
 peg box 545.
 Pegasus 11.
 pelerine 330.
 pellets 799.
 peltate 56.
Pelton runner 754.
 pelvic fin 86.
 pelvic limb 124.
 pelvis 103.
 pen 714.
 pen blade 688.
pen holder 379.
 pen holder 378.
 penalty arc 601.
 penalty area 601.
 penalty area marking 601.
 penalty bench 608.
 penalty line 612.
 penalty spot 601.
pencil 389, 515.
 pencils 765.
pencil pleat heading 229.
 pencil point tip 299, 307.
pencil sharpener 515, 516.
pendant 361.
 pendulum 707.
 pendulum bar 539.
 pendulum rod 707.
penholder grip 619.
 peninsula 51.
 penis 116, 127.
pennant 817.
 pennant 38.
 penstock 746, 747, 752.
 pentaprism 390.
 penumbra shadow 8.
peplos 315.
pepper shaker 238.
per bend 818.
per fess 818.
percent 830.
 percent key 523.
 perching bird 111.
percolator 247.
 percussion bar 780.
percussion instruments 552, 554.
perforated hardboard 289.
 perforated pipe 216.
 perforated toe cap 355.
 perforation 327, 395.
 pergola 263.
 pericardium 130.
 pericarp 65, 66.
period 832.
 period 489.
 periodontal ligament 144.
 periople 104.
 peripheral device port 528.
 peripheral joint 750.
peripheral nervous system 133.
 periscopic sight 805.
 peristyle 168, 169, 171.
 peritoneum 127, 128.
 permanent pasture 148.
 peroxide 725.
perpendicular 830.
 perpetual snows 27.
 perron 196.
 Perseus 11.
 personal communications 417.
 personal computer 526.
personal computer (view from above) 528.
personal radio cassette player 408.
peseta 832.
 pesticides 32.
pestle 243.
 petal 60.
petanque bowl 682.
Peter Pan collar 341.
 petiolus sinus 61.
 petiole 56.
 petrochemical industry 744.
 petrochemicals 745.
 phalanx prima 103.
 phalanx secunda 103.
 phalanx tertia 103.
pharmacy 822.
 pharynx 130, 131.
 phase conductor 757.
phases of the Moon 6.
 philtrum 141.
 phloem 59.
 Phobos 4.
 Phoenix 13.
 phosphorescent coating 232.
photocopier 532.
 photocopy control 532.
 photoelectric cell 393.
photographic accessories 393.
 photographic chamber 717.
 photographic picture 397.
photography 390, 392, 394, 396, 398.
 photosphere 6.
 photovoltaic panel 486, 487.
physical map 51.
 physician 669.
pi 830.
 piano 556.
 piccolo 548, 557.
pick 267.
 pick 385, 681.
 pickguard 547.
 pickling onion 70.
 pickup cylinder 159, 162.
 pickup reel 158, 160.
 pickup selector 547.
pickup truck 425.
picnic area 823.
picnics prohibited 823.
 Pictor 13.
picture tube 410.
pie pan 245.
 piedmont glacier 27.
pier 739.
 pier 174, 175, 454, 455.
 pierce lever 256.
pierced earrings 361.
plg 151.
plggyback car 473.
 pigsty 149.
 pike pole 780.
 pike position 624.
pile dwelling 165.
 pillar 176, 545, 714, 736.
pillar buoy 487.
 pillar buoy 489.
pillbox hat 329.
 pillion footrest 443, 444.
pillow 570.
 pillow 224, 570.
 pillow protector 224.
 pillowcase 224.
 pilot 459, 469, 637, 814.
 pilot gas tube 297.
 pin 232, 233, 563, 683, 780.
 pin base 232.
 pin block 540.
pin cushion 563.
pin-nez 377.
 pinch 232.
pinch pleat 228.
 pine needles 58.
 pine nut 66.
 pine seed 58.
 pineal body 134.
 pineapple 68.
 pinion 280, 707.
 pink ball 673.
pinkings shears 564.
 pinnacle 176, 181.
 pinnatifid 56.
 pinocytotic vesicle 115.
pins 364.
pins, types 683.
 pip 62, 64, 65, 695.
pipe 385.
 pipe 260, 543.
 pipe A 300.
 pipe B 300.
pipe cleaners 385.
 pipe coupling 301.
 pipe diffusers 501.
pipe rack 385.
 pipe section 205.
pipe threader 299.
pipe tools 385.
pipe wrench 299.
pipe, cross section 385.
pipe-wrapping insulation 287.
 pipeline 740.
 pipework 543.
 Pisces 11.
Pisces the Fishes (February 19) 820.
 Piscis Austrinus 13.
 pistachio nut 66.
plste 666.
 pistil 60.
pistol 797.
 pistol grip 795, 796, 798, 799.
 pistol grip handle 280, 305.
pistol nozzle 264.
 piston 432, 435, 436, 438.
 piston lever 291.
 piston release 291.
 piston skirt 434.
 pit 96, 405, 683.
pit bread 153.
pitch 599.
 pitch 599.
 pitch scale 524.
 pitch wheel 555.
pitched roof 182.
 pitcher 597.
 pitcher's mound 597.
 pitcher's plate 597.
pitchfork comb 368.
 pitching 748.
 pitching wedge 678.
 pith 59.
pithead 734.
 pithead 736.
piton 681.
 piton-carrier 680.
 pituitary gland 134.
 pivot 311, 369, 374, 484, 485, 539, 564, 590, 719.
 pivot cab 785.
 placard board 471.
 placing judge 621.
 plain 51.
plain gypsum lath 286.
plain pole 230.
plain weave 576.
plan reading, elevation 193.
plane 277.
 plane figure 580.
 plane projection 50.
planetarium 16.
 planetarium 184.
 planetarium projector 16.
planets 4.
planets, orbits 4.
 plano-concave lens 722.
 plano-convex lens 722.
plant cell 115.
plant, structure 57.
 planter 121.
 plantar interosseous 120.
 plantar pad 107.
plantar surface of the hoof 104.
planting 154, 158.
 planting box 657.
 plasmodesma 115.
 plaster bat 584.
 plastic case 799.
 plastic insulator 312.
plastic pants 349.
plastic-laminated particle board 289.
 plastron 96.
plate 688.
 plate 253, 393.
 plate crystal 36.
 plate grid 439.
 plateau 27, 51.
 platen 524, 531, 579.
 platen knob 531.
 platform 302, 457, 475, 504, 621, 709.
 platform edge 462, 475.
 platform entrance 463.
platform ladder 302.
 platform number 462.
platform pallet truck 788.
 platform shelter 464.
platter 238.
 platter 404.
play 831.
 play 411.
 play button 403, 408, 411.
 play/pause 405.
 player 626.
 player's number 602.
player's stick 609.
 players' bench 604, 608, 610, 612, 613.
 playing area 496.
 playing surface 619.
 playing window 403.
pleasure garden 293.
 pleasure garden 193.
pleated heading 229.
pleats, types 228, 335.
plectrum 535.
 plenum 206, 207.
 pleural cavity 130.
 plexus of nerves 144.
 plinth 707.
 plotter 527.
plow anchor 483.
plowing soil 154, 156.
 plug 280, 400, 401, 406, 485.
plug adapter 374.
plug bayonet 794.
plug fuse 312.
 plum 63.
plumber's snake 299.
plumbing 292, 294, 296, 298, 299, 300.
plumbing system 215.
plumbing tools 299.
plunger 247, 299.
 plunger 726.
 plungerhead 159.
plunging neckline 343.
plus or minus 830.
 plus/equals key 523.
 Pluto 5.
 ply 288.
 pneumatic armlet 710.
pneumatic hammer 735.
 pocket 378, 673, 679, 683.
pocket calculator 523.
pocket camera 395.
 pocket handkerchief 322.
pockets, types 339.
podium 190.
 podium 190.
 point 240, 242, 389, 544, 562, 567, 644, 671, 684, 697, 698.
 point of interest 52.
 point wire 467.
 pointed tab end 324, 339.
 pointer 213, 705, 708, 709, 710.
 poison 821.
poisonous mushroom 55.
poker 205.
poker die 699.
poker, standard hands 695.
 polar axis 14.
polar climates 45.
 polar ice cap 45.
 polar lights 19.
 polar maritime 38.
 polar orbit 43.
 polar tundra 45.
polar-orbiting satellite 43.
 Polaris 11.
 polarizing filter 392.
Polaroid® Land camera 394.
pole 657.
 pole 230, 479.
 pole grip 642.
 pole shaft 642.
 pole tip 643.
pole vault 657.
 pole vault 655.
 poleyn 792.
police 822.
polished stone hand axe 791.
political map 51.
 pollen basket 81.

pollen brush 80, 81.
pollen cell 82.
pollen packer 81.
pollution, atmospheric 34.
pollution, food 32.
polo collar 342.
polo dress 333.
polo shirt 337.
polo shirt 615.
polojama 351.
pome fleshy fruits 64.
pome fruit, section 64.
pome fruits, major types 64.
pomegranate 68.
pommel 649, 661, 666.
pommel horse 661.
poncho 331.
pond 263.
poniard 794.
pons Varolii 134.
pontoon 457, 738.
pool 673.
pool 772.
poop 478.
pop-up tent 686.
popping crease 599.
poppy 67.
porch 172, 177.
porch dome 172, 173.
pore 67, 115, 136.
Porro prism 719.
port 650, 764.
port glass 237.
port hand 488, 489, 497.
portable CD radio cassette recorder 408.
portable cellular telephone 422.
portable fire extinguisher 780.
portable shower head 292.
portable sound systems 408.
portal 175.
portal bridge 455.
portal frame 455.
portal vein 124, 126.
porthole 496.
position light 459, 508.
position marker 546, 547.
position of the ligament 95.
positive charge 831.
positive contact 768, 769.
positive meniscus 722.
positive plate 439.
positive plate strap 439.
positive region 768.
positive terminal 439.
positive/negative junction 768.
post 572, 613, 618, 626, 773.
post and plank 647.
post and plank 646.
post and rail 647.
post blinder 519.
post lantern 235.
post mill 773.
posterior chamber 140.
posterior cutaneous nerve of thigh 133.
posterior end 95.
posterior root 135.
posterior rugae 117, 119.
posterior semicircular canal 139.
postern 179, 181.
potable water truck 506.
potato 71.
potato masher 244.
potential coil 712.
pothole 24.
pottery 584.
pottery, tools 584, 585.
pouch 380.
pouch of Douglas 128.
poulaine 792.
poultry shears 246.
pound 832.
powder blusher 366.
powder chamber 801.
powder flask 795.
powder puff 366.
power button 402, 405, 410, 411.
power car 459.
power cord 374.
power indicator 529.
power mower 271.
power plant, cross section 752.
power plug 408.
power station 752.
power supply cord 370.
power switch 529, 555.
power switch machine 467.
power takeoff 147.
power train 448.
power turbines 501.

power zoom button 409.
power-off/slide-select bar 397.
power-on button 420.
power-on light 420.
power-takeoff shaft 156, 159, 162.
power/light switch 561.
powerhouse 746.
practice green 676.
prairie 51.
prayer hall 172, 173.
precious stones 362.
precipitation 34, 35.
precipitation area 38.
precipitations 36.
preferred channel 489.
premaxilla 86.
premolar 98.
premolars 144.
prepuce 127.
prescription 831.
present state of weather 38.
present weather 39.
preset buttons 411.
preset tuning button 402.
president 666.
press bar 663.
press bed 581, 583.
press chamber 159.
press wheel 158.
pressed area 405.
pressed powder 366.
presser bar 562.
presser foot 562.
pressing 579.
pressing board 579.
pressure bar 540.
pressure change 38.
pressure control 373.
pressure control valve 710.
pressure cooker 248.
pressure demand regulator 777.
pressure dial 561.
pressure gauge 627, 710, 740.
pressure plate 390.
pressure regulator 306.
pressure regulator 248, 306, 689.
pressure relief valve 209.
pressure screw 581, 583.
pressure tube 765.
pressure vessel 762.
pressure-relief valve 297.
pressurized heavy water 761.
pressurized-water reactor 762.
pressurizer 761.
prestressed concrete 286.
preview monitor 415.
preview monitors 413.
price per gallon/liter 453.
pricker 570.
primaries 110.
primary consumers 31.
primary covert 110.
primary flight display 500.
primary mirror 14, 16.
primary root 57.
prime 667.
prime focus 14.
prime focus observing capsule 14.
prime meridian 47.
primer 798, 799, 804.
princess dress 332.
princess seaming 345.
principal rafter 199.
print drying rack 399.
print head 531.
print head drive 531.
print washer 399.
printed circuit 528.
printed image 580.
printer 421, 523.
printer port 528.
printer table 521.
printing 580.
printing calculator 523.
printing of messages 421.
printing unit 524.
printout 709.
priority intersection 825.
prism binoculars 719.
private broadcasting network 416.
probe 310.
probe receptacle 253.
proboscis 79.
procedure checklist 512.
producer 412, 415.
producer turret 407.
product code 709.
production adviser 412.
production control room 413.
production control room 412, 415.

production desk 413.
production of electricity from nuclear energy 766.
production of electricity from solar energy 771.
production of electricity, steps 755.
production platform 738.
production platform 740.
production video switcher 413.
production/export riser system 738.
program selector 555.
progressive wave 30.
projectiles 801.
projection dome 16.
projection screen 397.
proleg 78.
promenade deck 496.
prominence 6.
prompt box 188.
prompt side 189.
pronaos 168, 169.
prop forward 606.
propane gas cylinder 449.
propellant 798.
propellant level gauge 512.
propeller 160, 495, 496, 806.
propeller duct 492.
propeller shaft 495.
propellers 808.
property line 193.
propulsion machinery control room 806.
propulsion module 418.
proscenium 188.
prostate 127.
protect tab 529.
protection layer 512.
protective cup 602, 609.
protective equipment 602.
protective girdle 609.
protective helmet 443.
protective helmet 448.
protective surround 698.
protective window 410.
prothorax 78.
protoneuron 135.
protector 713.
province 51.
proximal phalanx 107, 122, 123.
proximal sesamoid 102.
proximity fuse 814.
pruning knife 269.
pruning saw 269.
pruning shears 269.
psychrometer 41.
pubis 116, 118.
public building 52.
public garden 190.
puck 608.
puff sleeve 340.
pull bail 397.
pull rod 467.
pull strap 383.
pulley 230, 302, 434, 793.
pulley block 793.
pulley safety guard 283.
pulling ring 726.
pullman case 383.
pulmonary artery 126, 130.
pulmonary opening 83.
pulmonary trunk 125.
pulmonary valve 125.
pulmonary vein 126.
pulp 65, 144.
pulp chamber 144.
pulverizing soil 154, 157.
pulvino 750.
pumice correcting pencil 583.
pump 356.
pump 257, 258, 689, 761, 762, 771.
pump island 453.
pump motor 216.
pump nozzle 453.
pump suction head 216.
pumper 778.
pumpnickel bread 153.
pumping station 740.
pumpkin 69.
punch 586.
punch hole 323, 353, 355.
punctuation marks 832.
pup tent 686.
pupil 107, 140.
Puppis 13.
purfling 544, 546.
purge valve 627.
purple border 315.
purple 819.
purse 379.

push button 250, 257, 375.
push buttons 420, 422.
push rim 727.
push-button 290, 389, 397.
push-button telephone 422.
push-up bra 347.
push-up stand 664.
pusher 251.
putter 677.
putter 678.
putting green 676.
pygal shield 96.
pylon 756.
pylon body 756.
pylon foot 756.
pylon top 756.
pylon window 756.
pyloric cecum 88.
pyramid spot 674.
pyrometric cone 585.
Pyxis 13.

Q

Qibla wall 173.
quad cane 728.
quarte 667.
quarter 104, 352, 354.
quarter note 538.
quarter rest 538.
quarter window 427.
quarter-deck 496.
quarterback 603, 605.
quarterly 818.
quartet 558.
quartz metronome 539.
quay 490.
quay ramp 490.
quayside crane 490.
quayside railway 491.
Queen 695.
Queen 696.
queen cell 82.
queen excluder 82.
Queen's side 696.
queen, honeybee 81.
question mark 832.
quiche plate 245.
quick release system 393.
quill 389.
quill 281, 283.
quill brush 368.
quince 64.
quinte 667.
quintet 558.
quiver 684.
quotation marks 832.
quotation marks (French) 832.

R

raceme 60.
rachis 110.
rack 674.
rack 248, 252, 255, 257, 656.
rackboard 543.
rackboard support 543.
racquetball 617.
racquetball racket 617.
racquetball, court 617.
radar 722.
radar 493, 494, 495, 497.
radar antenna 48, 807, 812.
radar reflector 487.
radar unit 813.
Radarsat satellite 49.
radial nerve 133.
radial passenger loading area 503.
radial ply 433.
radial thruster 42.
radial tire 433.
radiant heater 211.
radiation zone 6.
radiator 438.
radiator 16, 208, 469.
radiator grille 440.
radiator hose 438.
radiator panel 510.
radicle 57, 59.
radio 639.
radio antenna 494, 495, 497, 807.
radio mast 738.
radio telescope 15.
radio wave 15.
radioactive 821.
radiometer 42, 43.
radish 71.
radius 102, 112, 122.
radome 813.
rafter 198.

- raglan 330.
raglan sleeve 340.
 raglan sleeve 319, 330, 350.
 rail 225, 466, 568, 627, 675.
rail joint 466.
rail section 466.
 rail track 735.
 railroad 184.
railroad crossing 828.
 railroad line 52.
railroad station 464.
 railroad station 52.
railroad track 466.
 railway shuttle service 504.
 rain 36.
 rain cap 205.
 rain gauge recorder 40.
 rain shower 39.
 rainbow 36.
raincoat 319.
 raindrop 36.
rainfall, measure 40.
 rainfly 685, 686.
raining, utensil for 243.
 raised band 577.
 raised figure 580.
rake 159, 267.
 rake 155.
 rake bar 159.
rake comb 368.
 Ram 11.
ramekin 238.
rammer 801.
 ramp 168, 452, 733.
 rampart 178, 180.
ramrod 795.
 random access memory (RAM) module 528.
range hood 255.
rangefinder 394.
rapier 794.
rasp 587.
raspberry, section 62.
 ratchet 276, 281, 573, 670.
ratchet box end wrench 279.
 ratchet knob 711.
 ratchet wheel 573, 706, 707.
 rate gyro 814.
 rattle 97.
rattlesnake 97.
 razor clam 93.
razors 374.
reaction direction 831.
 reaction engine assembly 43.
 reactor 759, 764, 766, 806.
 reactor building 759, 765.
 reactor building airlock 758.
 reactor core 760, 762, 763.
 reactor tank 763.
 reactor vessel 765.
 read-only memory (ROM) module 528.
 read/write head 529.
 reading 376.
 reading mirror 512.
 reading start 405.
 reamer 251.
 rear apron 324.
 rear beam 708.
 rear brake 446.
 rear brake pedal 444.
 rear bumper 445.
 rear derailleur 446, 448.
 rear foil 495.
 rear leg 223.
 rear light 446.
 rear limit line 666.
 rear runner 643.
rear seat 428.
 rear shock absorber 443.
 rear sight 795, 796, 797, 798, 804.
rear view 147.
 rearview mirror 430.
récamier 221.
 receiver 15, 420, 614, 616, 618, 795, 796.
 receiver volume control 420.
 receiving line 617.
 receiving station 722.
 receiving yard 465.
 receptacle 60, 62.
receptacle analyzer 310.
 reception bay 764.
 reception hall 172, 173.
 recharging base 260.
 reclining back 726.
 recoil sleigh 802.
recoilless rifle 804.
record 404.
 record 411.
 record announcement button 420.
 record button 403, 411.
 record control 402.
 record muting button 403.
record player 404.
 record player 400.
 recorder 621.
 recording level control 403.
 recording tape 403.
 recording unit 40.
rectangular 687.
rectangular flag 817.
 rectum 127, 128, 131.
 recuperator cylinder 802.
 recuperator cylinder front head 802.
recyclable 831.
recycled 831.
 Red 697, 700, 701.
 red ball 673.
 red balls 673.
 red beam 410.
 red flag 626, 668.
red ocher pencil 583.
 red safelight filter 399.
 Red Sea 21.
 reduce/enlarge 532.
reducing coupling 301.
 redundant bracing 756.
 reed 548, 572.
reed hooks 573.
reed pipe 542.
reeds 549.
 reef band 480.
 reef point 480.
 reel 265, 398, 666, 702.
 reel plate 702.
 reel seat 670, 671.
 referee 601, 603, 605, 606, 608, 610, 613, 621, 626, 668, 669.
refill 389.
 refill tube 293.
 refinery 740.
refinery products 744.
 reflecting surface 770.
reflecting telescope 720.
reflecting telescope, cross section 720.
 reflective stripe 730, 777.
 reflector 310, 441, 445, 446.
reflex camera, cross section 390.
refracting telescope 721.
refracting telescope, cross section 721.
 refractory brick 585.
 refrigerant tank 212.
 refrigerant tubing 213.
 refrigeration unit 441.
refrigerator 254.
refrigerator car 472.
 refrigerator compartment 254.
 register 712.
registered trademark 831.
registers, types 207.
 regulating button 541.
 regulating valve 208.
 regulator first stage 627.
 regulator second stage 627.
 rehearsing room 188.
 reheater 758.
 rein 651.
 rein ring 650.
reinforced concrete 286.
 reinforced toe 730.
 release lever 278.
 release setting screw 641.
 release treadle 573.
relief printing 580.
relief printing process 581.
relief printing process, equipment 581.
 relocation 525.
 remote command antenna 49.
remote control 411.
 remote control 397.
 remote control sensor 405, 410.
 remote control terminal 391.
remote detection satellite 48.
 remote-control arm 510.
remote-controlled switch 467.
removable-bottomed pan 245.
 renal artery 126, 132.
 renal hilus 132.
 renal papilla 132.
 renal pelvis 132.
 renal vein 126, 132.
 reniform 56.
 repeat keys 405.
 repeat mark 537.
reptile 96.
 rerebrace 792.
 reserve parachute 635.
 reservoir 247, 543, 746, 747, 748, 749, 750.
reservoir-nlb pen 589.
 reset 532.
 reset button 297, 411, 706, 711.
 reset key 421.
 resin surface 405.
 resistance adjustment 664.
 resonator 406, 542, 554.
respirator 730.
respiratory system 130.
respiratory system protection 730.
 respiratory system protection 821.
 rest area 52.
rest symbols 538.
restaurant 822.
 restaurant 185, 190, 494.
 restricted area 610.
 restricting circle 610.
 retainer 735.
 retaining ring 295.
 retarding magnet 712.
 reticle 718.
 Reticulum 13.
 retina 140.
 retractable handle 378.
 retractable step 449.
retracted claw 107.
 retrenchment 178.
 retriever 613.
 return 521.
 return air 206, 207.
 return crease 599.
 return key 530.
 return spring 432.
reverse dive 625.
 reverse slide change 397.
 reverse stitch button 561.
reversible reaction 831.
 reversing device 212.
revolver 797.
 revolving cylinder 570.
 revolving nosepiece 718.
revolving sprinkler 264.
rewind 831.
 rewind 411.
 rewind button 403, 408, 411, 420.
 rhubarb 72.
 rhythm selector 555.
 rib 72, 97, 102, 129, 375, 544, 546, 729, 785.
rib joint pliers 278.
 rib pad 602.
rib stitch 567.
 ribbing 326, 350, 670.
ribbing plow 156.
 ribbing plow 154.
 ribbon cartridge 531.
 ribosome 115.
ribs 584.
 ribs 122.
rice 152.
rider 648.
 ridge 27.
 ridge beam 199.
riding 646, 648.
 riding cap 648, 651.
 riding crop 648, 651.
 riding glove 648.
 riding jacket 648.
riffle 587.
rifle (rifled bore) 798.
 rift 28.
rigging 478.
 rigging wire 637.
right angle 830.
 right ascension 3.
 right ascension setting scale 720, 721.
 right atrium 124, 125.
 right back 601, 607, 612.
right bend 826, 827.
 right bronchus 130.
 right center 606.
 right channel 401.
 right cornerback 603, 605.
 right defense 608.
 right defensive end 603, 605.
 right defensive tackle 603, 605.
 right field 597.
 right fielder 597.
 right forward 610, 613.
 right guard 603, 605, 610.
 right half 601, 607.
 right halfback 603.
 right inner 607.
 right kidney 132.
 right lung 124, 130.
 right outside linebacker 605.
 right pulmonary vein 125.
 right safety 603.
 right safety back 605.
 right service court 614, 616.
 right tackle 603, 605.
 right ventricle 124, 125.
 right wing 606, 607, 608.
 right winger 612.
rigs, types 482.
 rim 147, 376, 433, 442, 447, 610, 658.
 rim flange 433.
rim soup bowl 238.
 rinceau 220.
 rind 65.
ring 669.
 ring 55, 230, 290, 375, 434, 483, 551, 566, 660, 681, 706, 709, 754.
ring blinder 519.
 ring gate 753.
 ring nut 300.
 ring post 669.
 ring step 669.
 ringhandle 369.
 ringing volume control 420.
rings 364, 660.
 ringside 669.
rink 608, 620.
 rink 620, 682.
 rink corner 608.
 rinse-aid dispenser 257.
 rip fence 284, 285.
 rip fence guide 285.
 rip fence lock 285.
 rip fence rule 285.
 rip fence slot 285.
 ripeness 61.
 ripening 61.
ripper 783.
 ripper cylinder 783.
 ripper tip 783.
 ripper tooth 783.
 rise 201.
 riser 201, 636.
 river 51, 52.
 River Eridanus 13.
 river estuary 30, 51.
 rivet 242, 278.
 road 52.
 road communications 417.
road map 52.
 road number 52.
road signs 824, 826, 828.
road system 450, 452.
 road transport 491.
road work ahead 826, 827.
road, cross section 450.
 roadway 186, 450.
roadway narrows 826, 827.
roasting pans 248.
Roberval's balance 708.
 rock 30.
 rock basin 26.
 rock garden 263.
 rock step 26.
 rocker arm 435.
rocket 509.
 rocket motor 814.
rocking chair 221, 223.
rocking tool 582.
 rocky desert 46.
 rod 214, 539, 573.
rodent's jaw 98.
 roll 341.
 roll film 395.
 roll-up blind 231.
roller 270.
 roller 230, 231, 369, 530, 583, 788.
 roller board and arms 543.
 roller cover 304.
 roller frame 304.
roller shade 231.
roller skate 645.
rolling ladder 303.
rolling pin 245.
 romaine lettuce 73.
Roman house 170.
Roman legionary 791.
Roman metal pen 389.
 roman shade 231.
Romanian couching stitch 571.
rompers 351.
 roof 82, 171, 197, 205, 427, 470, 733.
 roof pole 686.
roof truss 199.
 roof vent 196, 215, 449.
roofs 182.
 Rook 696.

room 736.
room air conditioner 214.
room thermostat 213, 705.
rooster 150.
 root 70, 143, 144, 240.
 root canal 144.
 root cap 57.
 root hairs 57.
 root of nail 137.
 root of nose 141.
 root rib 498.
 root system 57, 61.
root vegetables 71.
 root-hair zone 59.
rope 361.
 rope 669, 680, 692.
rope ladder 303.
 rose 265, 289, 290, 546.
rose cut 363.
 rose window 175.
 rosemary 74.
 rosette 167.
 rostrum 90.
rotary engine 437.
rotary file 516.
 rotary hoe 157.
rotary system 737.
 rotary table 737.
 rotating auger 160, 162.
 rotating dome 14.
 rotating dome truck 14.
rotating drum 714.
 rotating track 15.
 rotating wheel 701.
 rotor 161, 290, 437, 753, 773, 774.
 rotor blade 508.
 rotor head 508.
 rotor hub 508.
 rotunda 190.
rotunda roof 183.
 rough 676.
roughing out 586.
roulette 582.
roulette table 700.
round brush 368.
 round end pin 231.
 round eye 566.
 round head 276.
 round ligament of uterus 129.
round neck 343.
 round pronator 120.
router 283.
 routing cardboard 471.
 row 373.
 row counter 568.
 row number display 569.
rower 664.
rowing (one oar) 632.
rowing and sculling 632.
rowing boats 632.
 royal agaric 55.
 royal antler 105.
royal flush 695.
 rub rail 441.
rubber 355.
 rubber boot 777.
 rubber bulb 726.
 rubber gasket 296.
 rubber mat 404.
rubber snaffle bit 650.
rubber stamp 516.
 rubber thread 677.
 rubber tip 302, 728.
 rubber wall 433.
 rubbing alcohol 725.
 rubbing strip 433.
ruby 362.
 ruching 349.
 rudder 492, 496, 499, 511, 628, 639,
 806, 812, 814.
 rudder pedal 639.
 Ruffini's corpuscle 136.
 ruffle 228, 317.
ruffled rumba pants 349.
ruffled skirt 334.
 rug and floor brush 260.
rugby 606.
rugby ball 606.
rugby, field 606.
 ruler 578, 591, 688.
 rump 109.
 run 201, 599.
 rung 302.
 runner 643, 697, 753.
 runner blade 752, 753, 754.
 running 654.
running bowline 691.
 running rail 476.
running shoe 352.
 running surface 466.

running track 786.
runway 504.
 runway 476, 811.
 runway center line markings 504.
 runway designation markings 504.
 runway side stripe markings 504.
 runway threshold markings 505.
 runway touchdown zone marking 505.
Russian pumpnickel 153.
 rutabaga 71.
rye 152.

S

S-band antenna 43.
 S-band high gain antenna 42.
 S-band omnidirectional antenna 42.
 sabaton 792.
saber 794.
 saber 666.
 saber and épée warning line 666.
sable 819.
sabreur 667.
 sacral plexus 133.
 sacral vertebrae 103.
 sacrum 122, 123.
saddle 649.
 saddle 397, 636, 648, 651, 661.
 saddle pad 648.
 saddletail 648, 651.
safari jacket 338.
 safe water mark 489.
safelight 398.
 safest water 488.
 safety 796.
 safety area 668.
safety binding 641.
safety boot 730.
 safety cage 654.
safety cap 729.
 safety cap 804.
 safety chain 449.
safety earmuff 729.
 safety glasses 729.
 safety goggles 729.
 safety handle 271.
 safety line 475.
safety match 386.
 safety pad 659.
safety pin 566.
 safety rail 302, 468.
safety scissors 365.
 safety suit connection 512.
safety symbols 821.
 safety tank 761.
 safety tether 512.
 safety thermostat 259.
 safety thong 617.
 safety valve 248, 766.
safety vest 730.
 sage 74.
 Sagitta 11.
 Sagittarius 13.
Sagittarius the Archer(November 22) 820.
 sail 631, 637, 773.
 sail cloth 773.
 sail panel 628.
 sail plane 807.
 sailbar 773.
sailboard 631.
sailboat 628.
sailing 628, 630.
sailing, points 629.
sailor collar 342.
salis 480.
salis, types 482.
salad bowl 238.
salad dish 238.
salad fork 240.
salad plate 238.
salad spinner 243.
 salamander 85.
 salient angle 178.
 saline lake 46.
 salivary glands 131.
 salsify 71.
 salt marsh 30.
salt shaker 238.
 salt taste 143.
sample 567.
 sand 748.
 sand bar 30.
 sand island 30.
 sand shoe 441.
 sand wedge 678.
sandal 356, 357.
 sandal 791.
 sandbox 469.
 sandstorm or dust storm 39.

sandy desert 46.
 saphenous nerve 133.
sapphire 362.
 sapwood 59.
sarong 334.
 sartorius 120.
 sash frame 203.
sash window 203.
satchel bag 380.
 satellite 416.
satén weave 576.
 Saturn 5.
saucapan 249, 688.
sauté pan 249.
 savory 74.
sawing-in 578.
sawtooth roof 182.
 saxhorn 551.
saxophone 548.
 saxophone 548.
scale 537.
 scale 87, 96, 97, 111, 705, 711, 719,
 726.
 scale leaf 70.
 Scales 13.
 scallion 70.
 scallop 93.
 scalper 653.
 scampi 91.
Scandinavian crak bread 153.
 scapula 102, 122, 123.
 scapular 110.
 scarp 178.
 scatter cushion 224.
 scattered sky 39.
 scenery lift 188.
 scenery storage 188.
 scenic route 52.
 schedules 463.
school zone 826, 827.
schooner 482.
 sciatic nerve 133.
 scientific air lock 511.
 scientific instruments 16, 511.
 scissors 564, 688, 725.
 scissors crossing 464.
scissors cut 362.
scissors-glasses 377.
 sclera 140.
 scoop 385.
 score-console 683.
 scoreboard 698.
 scorer 610, 613, 666, 668.
 scoring light 666.
Scorpio the Scorpion(October 24)
 820.
 Scorpion 13.
 Scorpius 13.
 scotia 166, 167.
scraper 304, 582, 784.
 scraper 583.
 scraper bar holder 583.
 screen 161, 374, 397, 410, 747.
 screen case 397.
 screen print 350.
 screen window 685.
screw 276.
 screw 544.
 screw base 232.
screw earrings 361.
 screw locking nut 670, 671.
screwdriver 276.
 screwdriver 688.
 screwsleeve 681.
scrimage 603.
scrimage in Canadian football
 605.
 script assistant 412.
 scroll 544.
 scroll case 747.
 scroll foot 220.
 scrotum 116, 127.
 scrum half 606.
scuba diver 627.
scuba diving 627.
scuffle hoe 266.
sculling (two oars) 632.
sculling boats 632.
scythe 267.
 sea 7, 51, 752.
sea anchor 483.
sea bag 381.
 sea level 22, 28.
 sea side 752.
 sea-level pressure 38.
 Sea-Serpent 13.
 sea-to-sea missile 809.
 seal 295.
 sealed cell 82.
 sealing ring 741.

seam 327, 384, 598.
 seam allowance 565.
seam gauge 563.
 seam line 565.
seam pocket 339.
 seam pocket 330.
 seaming 322.
 seamount 29.
 search-and-rescue antennas 43.
seasons of the year 8.
 seat 220, 223, 292, 293, 428, 445,
 446, 584, 639, 649, 652, 664, 727.
 seat belt 428.
 seat cover 293.
 seat post 446.
 seat stay 446.
 seat tube 446.
 seat-belt warning light 431.
seats 222.
 sebaceous gland 136.
second 830.
 second 537, 669.
 second base 597.
 second baseman 597.
 second classification track 465.
 second dorsal fin 86.
second floor 194.
 second floor 196.
 second focal room 15.
 second hand 706.
 2nd metacarpal 112.
 second molar 144.
 second premolar 144.
 second reinforce 800.
 second space 610.
 second stage 509.
 second valve slide 550.
 second violins 556.
 secondaries 110.
 secondary channel 489.
 secondary consumers 31.
 secondary inlet 741.
 secondary mirror 16, 390.
 secondary reflector 15.
 secondary road 52.
 secondary root 57.
 seconde 667.
secretarial desk 521.
secretary 226.
 secretary 612, 626.
section of a bulb 70.
 security casing 271.
 security check 504.
 security trigger 272.
 sedimentary rocks 23.
 seed 62, 63, 64, 65, 66, 67.
 seed coat 63, 152.
seed drill 158.
 seed drill 154.
 seed leaf 57.
seed vegetables 72.
seeder 268.
 segment 65.
 segment score number 698.
 seismic wave 23.
 seismogram 714.
 selector switch 310.
self-adhesive labels 518.
 self-contained breathing apparatus
 777.
self-inflating mattress 687.
 self-timer indicator 391.
 selvage 566.
 semaphore 464.
 semi-circle 610.
semi-detached cottage 187.
semi-fisheye lens 392.
semi-mummy 687.
semi-submersible platform 739.
semicircular arch 174.
semicolon 832.
 semimembranous 121.
 seminal vesicle 127.
semprecious stones 362.
 semitendinous 121.
semitrailer 441.
 semitrailer 440.
sense organs 136, 138, 140, 141.
 sense receptor 134.
senses of smell 142.
senses of taste 142.
 sensor probe 253.
sensory impulse 135.
 sensory neuron 134.
 sensory root 135.
 sent document recovery 421.
 sepal 60, 62, 64.
 separator 439, 758.
 separator steam release 758.
 septal cartilage of nose 141.

septic tank 216.
 septime 667.
 septum 67, 141.
 septum pellucidum 134.
 sequencer control 555.
 serac 26.
 Serpens 11, 13.
 Serpent 11, 13.
 Serpent Bearer 11, 13.
 server 613, 614, 616, 618.
 service area 52, 503, 613.
 service box 616, 617, 757.
 service box line 617.
 service building 764.
 service judge 614, 618.
 service line 614, 616, 617.
 service main 186.
 service module 418, 509.
 service road 502.
 service room 172, 173.
service station 453, 823.
 service zone 617.
serving cart 219.
sesame seeded pita 153.
 set 525.
set of utensils 244.
 set-in sleeve 324, 326.
 setting 364.
 setting indicator 641.
setup 683.
 setup 683.
 7.5 m platform 624.
seventeenth century cannon 800.
seventeenth-century mortar 803.
 seventh 537.
sew-through buttons 566.
 sewer 186.
sewing 561, 562, 564, 566, 578.
 sewing frame 578.
sewing machine 561.
sewing, accessories 563, 564.
 sewn-in floor 685, 686.
 Sextans 13.
 Sextant 13.
sextant 484.
 sextet 558.
shackle 630.
 shade 234, 236.
 shade cloth 231.
 shadow 706.
 shadow key 396.
 shadow roll 651.
 shady arcades 172, 173.
 shaft 38, 166, 575, 584, 609, 615,
 632, 652, 658, 674, 675, 677, 681,
 684, 698, 705, 753, 808.
 shaft head 734.
 shaft holder 653.
shake-hands grip 619.
 shallot 70, 542.
 shallow root 59.
 sham 224.
 shank 275, 276, 281, 369, 375, 385,
 483, 562, 563, 564, 567, 568, 671.
shank button 566.
 shank protector 783.
shapka 328.
 share 156.
 sharp 538.
sharpening steel 242.
shaving brush 374.
shaving mug 374.
shawl collar 341.
sheath 690.
 sheath 56, 101, 106, 688, 692.
sheath dress 332.
 sheath of Schwann 135.
sheath skirt 334.
 sheathing 198, 199.
 shed 193, 263.
 shed stick 574.
sheep 150.
 sheep shelter 149.
sheepshank 691.
sheepskin jacket 321.
 sheer curtain 229.
 sheet 480, 577.
sheet bend 691.
 sheet film 395.
sheet lead 630.
 sheet of paper 714.
shekel 832.
 shelf 226, 254, 302.
 shelf channel 254.
shell 96.
 shell 66, 83, 92, 109, 383, 553, 643,
 741.
 shell membrane 109.
shell, valve 95.
 shield 426, 791.

shield divisions 818.
 shift key 524, 530.
 shift lock key 524, 530.
 shifter 447, 448.
 shin boot 648, 652.
 shin guard 595, 600.
 shin pad 609.
shingle 286.
ship's anchor 483.
 Ship's Compass 13.
 Ship's Keel 13.
 ship's motor boat 809.
 Ship's Sails 13.
 Ship's Stern 13.
shirred heading 229.
shirt 324, 349.
 shirt 656.
shirt collar 341.
shirt sleeve 340.
 shirttail 324, 337.
 shirtwaist dress 333.
 shock absorber 445.
 shoe 397.
shoe polish 358.
shoe polisher 358.
shoe rack 358.
shoe, parts 354.
shoebush 358.
shoehorn 358.
 shoelace 352, 354.
shoes 354, 356, 358.
shoes, accessories 358.
shoes, major types 354, 355, 356.
 shoeshine kit 358.
shootree 358.
 shoot 57, 59.
 shooting adjustment keys 409.
 shooting star 19.
 shop 170.
shopping bag 381.
 shore 30.
 short extensor of toes 120.
short glove 327.
 short line 616, 617.
 short palmar 120.
 short peroneal 121.
 short radial extensor of wrist 121.
 short service line 618.
 short sleeve 318.
short sock 344.
short splice 692.
shorts 336.
 shorts 351, 600, 656.
 shortstop 597.
 shot 658, 801.
 shot put 655.
shotgun (smooth-bore) 799.
 shoulder 100, 106, 116, 118, 279,
 451, 545, 615, 670.
shoulder bag 380.
 shoulder belt 428.
 shoulder blade 117, 119.
shoulder bolt 279.
 shoulder pad 602, 609, 804.
 shoulder rest 804.
 shoulder strap 346, 375, 380, 382,
 679.
shovel 205, 266.
 shovel 640, 642.
 shower 194.
 shower and tub fixture 215.
 shower head 292.
 shower stall 292.
 shrimp 90.
 shroud 479, 628.
 shutoff switch 216.
 shutoff valve 215, 293, 296, 298.
 shutter 203, 529, 772.
 shutter release button 391.
 shutter speed setting 396.
 shutting stile 202.
shuttle 573.
 shuttle 510.
shuttlecock 618.
sickle 269.
 side 239, 479, 787.
side back vent 322.
side chair 223.
 side chapel 176.
 side door 477.
 side footboard 469.
 side handle 280.
 side handrail 477.
 side judge 605.
 side ladder 470.
 side lane 452.
 side line 619.
 side mirror 368.
 side panel 319.
 side post 199.

side rail 302, 441.
 side span 456.
 side vent 25, 449.
 side wall 104, 470, 492, 616, 617,
 621.
 side wall line 616.
 side-marker light 429.
 side-tilt lock 393.
 sideline 604, 607, 610, 611, 612, 613.
 sidewalk 186.
 sidewall 441.
 sieve 161.
sifter 245.
sight 140.
 sight 684, 719, 803.
 sighting line 719.
 sighting mirror 719.
 sigmoid colon 131.
signal ahead 826, 827.
 signal background plate 471.
 signal gantry 464.
 signal lamp 247, 252, 255, 256, 257,
 585.
 signature 577.
signet ring 364.
signs of the zodiac 820.
 silencer 735.
silique, section 67.
 silk 72.
 sill 24, 199.
 sill of frame 203.
 sill plate 198, 199.
 sill step 470.
 silos 490.
silverware 239, 240.
 sima 166.
 simple eye 78, 80, 81.
simple leaves 56.
simple-span beam bridge 454.
single curtain rod 230.
 single pole breaker 312.
single quotation marks 832.
 single reed 549.
single scull 632.
 single seat 477.
 single twist 281.
 single zero 700, 701.
single-breasted jacket 322.
single-burner camp stove 689.
single-decked pallet 787.
single-family home 187.
 single-handle kitchen faucet 296.
single-leaf bascule bridge 457.
single-lens reflex (SLR) camera
 391.
single-lens reflex camera 394.
 singles pole 614.
 singles service court 618.
 singles sideline 614, 618.
 sinister 818.
 sinister base 818.
 sinister chief 818.
 sinister flank 818.
 sink 215, 292, 296.
 sinker 486, 672.
 sinkhole 24.
 sinus 315.
 siphon 24.
 siphonal canal 94.
site plan 193.
 sitting room 195.
 sixte 667.
 sixteenth note 538.
 sixteenth rest 538.
 sixth 537.
 sixty-fourth note 538.
 sixty-fourth rest 538.
 skate 609.
 skate guard 644.
skating 644.
 skag 631.
skeleton 122.
skeleton, horse 102.
 ski 445, 641.
ski boot 641.
 ski boot 640.
 ski glove 640.
 ski goggles 640.
 ski hat 640, 642.
ski pants 336.
 ski pole 640, 642.
 ski stop 640, 641.
 ski suit 640, 642.
 ski tip 642.
 skid 508.
 skimmer 244.
skin 136.
 skin 62, 63, 64, 84, 134.
 skin surface 137.
 skip 620, 736.

skirt 331, 615, 649, 792.
 skirt finger 493.
skirt marker 564.
skirts, types 334.
 skull 88, 102, 116, 134, 792.
skullcap 328.
sky coverage 39.
sky diver 635.
sky diving 635.
 skylight 194, 197.
 skyscraper 185.
 slab 288.
slab building 584.
 slalom ski 633.
 slat 571.
 sled 264, 643.
 sleeper-cab 440.
sleepers 350.
sleeping bags 687.
sleeping car 460.
 sleeping compartment 460.
 sleet 37, 39.
 sleeve 318, 322, 667.
 sleeve strap 319.
 sleeve strap loop 319.
 sleeveless jersey 662.
sleeves, types 339, 340.
 slender 121.
 slide 257, 397, 566, 797.
 slide chair 467.
 slide plate 561, 562.
slide projector 397.
 slide tray 397.
 slide-bar 568.
 slider 543.
 sliding block 476.
 sliding breech 802.
 sliding channel 470.
sliding cheek bit 650.
 sliding cover 484.
sliding door 202.
 sliding door 292.
sliding folding door 202.
sliding folding window 203.
 sliding lever 428.
 sliding rail 428, 630.
 sliding seat 664.
 sliding sunroof 427.
 sliding weight 539, 708.
sliding window 203.
 slight drifting snow low 39.
 slightly covered sky 39.
sling back shoe 356.
slip 345.
 slip joint 278.
slip joint pillars 278.
 slip-stitched seam 324.
slippery road 826, 827.
 slit 576.
 slope 451.
sloped turret 183.
 sloping cornice 168.
 slot 188, 240, 252, 276, 379, 578.
slot machine 702.
 slotback 605.
slow-burning stove 204.
 slow-motion 411.
 slower traffic 452.
 sludge 216.
small decanter 237.
small hand cultivator 268.
small intestine 131.
 smaller round 121.
smell 141.
smock 337.
 smoke 39.
 smoke baffle 204.
 smoke bomb discharger 805.
smoking accessories 384, 386.
 smoking candle 582.
smoking apparatus 582.
snaffle bit 650.
 snaffle bit 649.
 snaffle rein 649.
 snaffle strap 649.
snail 83.
snail dish 246.
snail tongs 246.
 snap 566, 672.
 snap fastener 321, 327.
snap shackle 630.
 snap-fastening front 350.
 snap-fastening tab 321.
 snap-fastening waist 350.
 snare 553.
snare drum 553.
 snare drum 552, 557.
 snare head 553.
 snare strainer 553.
 snelled fishhook 672.

- snooker 673.
- snorkel 627.
- snout 84.
- snow 34.
- snow crystals, classification** 36.
- snow gauge 41.
- snow guard 445.
- snow pellet 37.
- snow shower 39.
- snowfall, **measure** 41.
- snowmobile** 445.
- snowshoe** 645.
- snowsuit** 351.
- soap dish 292.
- soccer** 600.
- soccer ball** 600.
- soccer player** 600.
- soccer shoe 600.
- soccer, playing field** 601.
- sock** 344.
- sock 602, 615.
- socket 309, 401, 566.
- socket bayonet** 794.
- socket head 276.
- socks** 325.
- sofa** 221.
- soft palate 141, 142.
- soft pastel** 588.
- soft pedal 540, 555.
- soft ray 87.
- soft shell clam 93.
- soft-drink dispenser 453.
- soil 750.
- solar array 42, 48, 418.
- solar array deployment 419.
- solar array drive 42.
- solar cell** 768.
- solar cell 523, 769.
- solar cell panel 769.
- solar cells 42.
- solar collector 772.
- solar eclipse** 8.
- solar energy** 768, 770, 772.
- solar furnace** 770.
- solar house** 772.
- solar panel 16.
- solar radiation 768, 769, 770, 771, 772.
- solar ray reflected 770, 771.
- solar reflectors 418.
- solar shield 512.
- solar system** 4.
- solar-cell system** 769.
- solder** 307.
- soldering** 305, 306, 308.
- soldering gun** 305.
- soldering iron** 305.
- soldering torch** 307.
- soldering torch 299.
- sole 104, 325, 641, 644, 678.
- soleplate 256.
- soleus 120.
- solid body 547.
- solid rubber tire 788.
- solid shot** 801.
- solid-rocket booster 510.
- solitaire ring** 364.
- solvent extraction unit 744.
- sorghum** 152.
- sound alarm 485.
- sound digitizing processor 528.
- sound hole 544.
- sound receiver 726.
- sound reproducing system** 400, 402, 404.
- sound reproducing system, components** 400.
- sound signal 539.
- soundboard 535, 540, 544, 545, 546.
- soundbox 545.
- soup bowl** 238.
- soup spoon** 241.
- soup tureen** 238.
- sour taste 143.
- sources of pollution 34.
- South 488.
- South America 20.
- South cardinal mark 489.
- South celestial pole 3.
- South Pole 3.
- Southeast 488.
- Southern Cross 13.
- Southern Crown 13.
- Southern Fish 13.
- Southern hemisphere 3, 47.
- Southern Triangle 13.
- Southwest 488.
- southwestern** 329.
- sow** 151.
- soybeans 72.
- space 537.
- space bar 525, 530.
- space probe 19.
- space shuttle** 510.
- space shuttle at takeoff** 510.
- space shuttle in orbit** 510.
- spacelab 511.
- spacer 727, 765.
- spacesuit** 512.
- spade** 266, 632, 695.
- spade 803.
- spading fork** 266.
- spadix 60.
- spaghetti tongs** 246.
- spandrel 174.
- spanker 480.
- spar 498.
- spar buoy 489.
- spark 436.
- spark plug** 439.
- spark plug 271, 435, 437.
- spark plug body 439.
- spark plug cable 435.
- spark plug gap 439.
- spark plug gasket 439.
- spark plug terminal 439.
- sparkling wine glass** 237.
- spatial dendrite 36.
- spatula** 589.
- spatula 244, 581.
- spatulate 56.
- speaker 408, 420, 500.
- speaker cover 400.
- speaker selector 402.
- spear 72, 791.
- spear gun** 627.
- special mark 489.
- specimen chamber 717.
- specimen positioning control 717.
- spectrometer 717.
- speed control 250, 271.
- speed controller 561.
- speed course 646.
- speed selector 251, 404.
- speed selector switch 370.
- speed skate 644.
- speedbrake lever 500.
- speedometer 431, 445, 664.
- spelling corrector 524.
- spencer** 338.
- spent fuel discharge bay 758.
- spent fuel port 764.
- spent fuel storage bay 758, 764, 765.
- spermatid cord 127.
- spermatozoon** 127.
- sphenoidal sinus 141.
- sphere support 40.
- sphincter muscle of anus 131.
- spicules 6.
- spider** 77.
- spider 77.
- spike 60, 466, 656, 680, 681.
- spiked shoe 595.
- spillway 746.
- spillway chute 746.
- spillway gate 746.
- spinach 73.
- spinal cord 89, 134, 135.
- spinal ganglion 135.
- spinal nerve 135.
- spindle 223, 251, 290, 294, 404, 707, 711, 712.
- spine 577.
- spine of scapula 123.
- spine of the book 579.
- spinner** 672.
- spinning rod** 671.
- spinous process 135.
- spiny lobster 91.
- spiny ray 86.
- spiracle 78, 79.
- spiral 276, 404.
- spiral arm 9.
- spiral beater 250.
- spiral binder** 519.
- spiral case 753.
- spiral galaxy 9.
- spiral rib 94.
- spiral screwdriver** 276.
- spiral staircase 741.
- spiral-in groove 404.
- spire 94, 175.
- spirit level** 291.
- spit 30.
- splash plate 741.
- splat 220.
- splay 175.
- spleen 88, 124.
- splenius muscle of head 121.
- spline 439.
- splints 725.
- split bet 700, 701.
- split end 603, 605.
- split link 672.
- spoiler 442, 498.
- spoke 447.
- spoked wheel 652.
- sponge** 801.
- sponge-tipped applicator** 367.
- sponges** 367.
- spool 570, 670, 671.
- spool pin 561.
- spool rack** 575.
- spoon** 241.
- spoon 688.
- spoon blade** 587.
- spoons, principal types** 241.
- spores 55.
- sports car** 425.
- sportswear** 352.
- spot 235.
- spot white ball 673.
- spotlight 414, 777, 778, 780.
- spotmeter** 396.
- spout 162, 247, 252, 294, 295.
- spout assembly 296.
- spray 256.
- spray arm 257.
- spray button 256.
- spray control 256.
- spray head 296.
- spray hose 292, 296.
- spray nozzle** 264.
- spray nozzle 741.
- spray paint gun** 304.
- sprayer** 264.
- spread collar** 324.
- spreader** 270.
- spreader 375.
- spreader adjustment screw 304.
- spring 8, 234, 258, 278, 290, 294, 389, 469, 659, 804.
- spring balance** 709.
- spring binder** 519.
- spring housing 230.
- spring linkage 702.
- spring wing 276.
- spring-metal insulation** 287.
- springboard** 659.
- springer 174.
- sprinkler hose** 265.
- sprinklers 766.
- sprocket 445.
- sprocket wheel 783, 805.
- spur 27, 80, 281, 552, 648.
- squall 39.
- square 184, 577.
- square bet 700, 701.
- square brackets** 832.
- square flag** 817.
- square head plug 301.
- square knot** 691.
- square movement 696.
- square neck** 343.
- square root key 523.
- square root of 830.**
- square sail** 482.
- square trowel** 291.
- square-headed tip** 276.
- squash** 616.
- squash ball** 616.
- squash racket** 616.
- squash, court** 616.
- stabilizer 636, 684, 812.
- stabilizer fin 496.
- stabilizing fin 509.
- stabilizing shaft 788.
- stable 651.
- stack 30, 494.
- stacking chairs** 223.
- stadium 185.
- staff** 537.
- staff 817.
- stage** 189.
- stage 188, 717, 718.
- stage clip 718.
- stage curtain 188, 189.
- stained glass 175.
- stairs** 201.
- stairs 194, 474, 741.
- stairwell 194.
- stake 263, 685, 686.
- stake loop 685, 686.
- stake pocket 441.
- stalactite 24.
- stalgamite 24.
- stalk 62, 63, 64, 72.
- stalk vegetables** 72.
- stamen 60, 64.
- stamp 384.
- stamp pad** 516.
- stamp rack** 516.
- stanchion 644.
- stand** 651.
- stand 236, 248, 250, 341, 370, 382, 552, 586, 714.
- stand-off half 606.
- stand-up collar** 342.
- standard A 539.
- standard lens 392.
- standardbred pacer** 652.
- standby airspeed indicator 500.
- standby altimeter 500.
- standby attitude indicator 500.
- standing press 579.
- standpipe 298.
- stapes 138.
- staple remover** 515.
- stapler** 515.
- staples** 515.
- star anise 67.
- star diagonal 721.
- star facet (8) 363.
- star tracker 16.
- starboard hand 488, 489, 497.
- starch 152.
- starch granule 115.
- start 532.
- start and finish 646.
- start button 706.
- start key 421.
- start line 655, 656.
- start switch 259.
- start wall 621.
- start-up key 530.
- starter 271, 272, 621.
- starter handle 272.
- starting bar (backstroke) 621.
- starting block** 621, 656.
- starting block 621.
- starting cable 270.
- starting dive** 622.
- starting position 625.
- starting step 201.
- state 51.
- station circle 38.
- station entrance 474.
- station name 474.
- station platform 464.
- station wagon** 425.
- stationary bicycle** 664.
- stationary bowl 701.
- stationary front 39.
- stationery** 515, 516, 518.
- stationery cabinet** 522.
- stator 290, 753.
- stay 479.
- stay ring 753.
- stay vane blade 753.
- stays 456.
- staysail-stay 479.
- steak knife** 239.
- steam generator 759, 761, 762, 771, 806.
- steam generator room cooler 759.
- steam iron** 256.
- steam outlet 760, 761, 762, 763.
- steam pressure drives turbine 767.
- steam release pipes 759.
- steel** 286.
- steel 346, 795.
- steel bar 660.
- steel belted radial tire** 433.
- steel pen** 389.
- steel safety wheel 476.
- steel spring 795.
- steel to plastic** 301.
- steelyard** 708.
- steep hill** 826, 827.
- steepchase 655.
- steepchase hurdle** 656.
- steering axle 788.
- steering cylinder 784.
- steering lever 788.
- steering wheel 147, 430.
- stellar crystal 36.
- stem 55, 57, 70, 232, 247, 385, 447, 479, 705.
- stem bulb 497.
- stem faucet** 294.
- stem holder 294.
- stem washer 294.
- step 147, 302, 440.
- step chair** 222.
- step cut** 363.
- step groove 201.
- step setting 711.
- step stool** 302.
- stepladder** 302.
- stepladders** 302.

- steppe 45.
 steps 773.
stereo camera 395.
 stereo control 408.
 stereo phase monitor 413.
 sterile pad 725.
 stern 496, 631.
 sternocleidomastoid 120.
 sternum 102, 122.
stethoscope 726.
 steward's desk 461.
stick 375, 607.
 stick 544.
stick eraser 515.
stick umbrella 375.
stickpin 364.
sticks 553.
 stifflie 101.
 stigma 60, 66.
 stile 223.
 stile groove of sash 203.
 stile tongue of sash 203.
stiletto 794.
still cameras 394, 395.
still video camera 395.
 still video film disk 395.
 still water level 30.
stilt 585.
stilted 174.
 stimulator tip 373.
 stinger 81.
 stipule 56.
 stirrup 793.
 stirrup iron 648.
 stirrup leather 649.
 stirrup sock 595.
 stitch 352, 355.
 stitch control buttons 569.
 stitch length regulator 561.
 stitch pattern memory 569.
stitch patterns 567.
 stitch selector 561.
 stitch width selector 561.
 stitches 596.
stitches, embroidery 571.
 stitching 327.
 stock 483, 536, 773, 798, 799.
stock pot 249.
 stockade 181.
stocked anchor 483.
stocking 344.
 stocking 667.
stocking cap 329.
stocking stitch 567.
stockless anchor 483.
 stomach 88, 92, 97, 124, 131.
stomach throw 668.
 stomacher 317.
stone 286.
 stone 63, 364.
Stone Age weapons 791.
stone fleshy fruits 63.
stone fruit, section 63.
stone fruits, major types 63.
stoner 246.
stop 831.
 stop 106, 411, 532, 566, 570, 632.
stop at intersection 824, 825.
 stop bath 399.
 stop button 272, 403, 411, 420, 705.
 stop knob 542, 543.
 stop rod 543.
 stop watch 407.
 stop/clear key 405.
stopwatch 706.
 storage compartment 397, 440, 449, 778, 780.
 storage door 254.
storage furniture 225, 226.
 storage space 461.
 storage tank 744, 772.
 storage tray 591, 764.
 storm collar 205.
 storm sewer 186.
stormy sky 36.
 stove oil 745.
straight 695.
 straight bet 700, 701.
straight blade 587.
 straight eye 566.
straight flush 695.
 straight jaw 278.
straight ladder 303.
 straight muscle of thigh 120.
 straight position 624.
straight razor 374.
straight skirt 334.
 straight wing 499.
 straight-up ribbed top 325.
 straight: post and rail 646.
strainer 243.
 strainer 251, 685.
 strainer body 296.
 strainer coupling 296.
straining, utensils for 243.
 strait 51.
 strand 692.
 strap 365, 596, 660, 662, 706, 777.
strap wrench 299.
strapless brassiere 346.
 stratocumulus 44.
 stratosphere 19.
 stratum basale 136.
 stratum corneum 136.
 stratum granulosum 136.
 stratum lucidum 136.
 stratum spinosum 136.
 stratus 44.
 straw spreader 161.
strawberry, section 62.
streamer 817.
 street 52, 184, 190.
 street bet 700, 701.
 street light 185, 186.
street, cross section 186.
 stretcher 219, 726.
 strike plate 290.
striker 307.
 striker 804.
 striker wheel 386.
 striking circle 607.
 string 541, 544, 545.
stringed instruments 544, 546.
 stringer 787.
 stringing 615.
 strings 540.
strip flooring with alternate joints 200.
strip light 235.
strip mine 733.
 stroke judge 621.
strokes, types 622.
 strongbox 702.
structure of the Sun 6.
 strut 199, 495, 553, 774.
 stud 198, 353.
 studio 407.
 studio floor 412.
studio, radio 407.
studio, television 412, 414.
 studs 598.
 stummel 385.
stamp 59.
 stump 598, 599.
 style 60, 62, 63, 64, 67.
styling brush 370.
 stylobate 166, 168.
stylus 389.
 stylus cartridge 404.
 sub-base 40.
subarctic climates 45.
 subarctic climates 45.
 subbase 451.
 subclavian artery 126.
 subclavian vein 126.
 subcutaneous tissue 137.
 subfloor 198, 199, 200.
 subgrade 451.
 sublimation 34.
submachine gun 795.
submarine 806.
 submarine canyon 29.
 submarine pipeline 740.
 subsidiary track 464.
 substation 752.
 substitute corridor 612.
 substructure 737.
 subterranean stream 24.
 subtract from memory 523.
 subtract key 523.
subtraction 830.
subtropical climates 45.
 suburban commuter railroad 464.
 suburbs 52.
subway 474, 476.
 subway 190.
 subway map 475, 477.
subway station 474.
subway train 476.
 subway train 474.
 sucker 61.
 suction hose 778.
 sudoriferous duct 136.
sugar bowl 238.
 suit 331.
 sulcus terminalis 143.
 sulky 652.
sum 830.
sumle 589.
 summer 8.
 summer solstice 8.
 summer squash 69.
 summit 27.
 sump 216, 736.
Sun 6.
 Sun 4, 8.
 Sun mode position 419.
 sun sensor 42, 43, 49.
 sun visor 430, 449.
Sun, structure 6.
sundae spoon 241.
 sundeck 497.
sundial 706.
sundress 332.
sunglasses 377.
 sunshade 42.
 sunshine recorder 40.
sunshine, measure 40.
 sunspot 6.
 super 82.
 superficial peroneal nerve 133.
 superior cymbal 552.
 superior dental arch 142.
 superior mesenteric artery 126, 132.
 superior mesenteric vein 126.
 superior nasal concha 141.
 superior semicircular canal 139.
 superior umbilicus 110.
 superior vena cava 124, 125, 126, 130.
 superstructure 486.
 supply duct 213.
 supply line 215.
 supply point 757.
 supply tube 296.
 support 40, 223, 230, 232, 574, 720.
 support leg 156, 441, 449.
 support leg crank 441.
 support structure 15, 48.
supports 589.
 suprarenal gland 132.
 sural nerve 133.
 surcingle 653.
 surface cold front 39.
 surface course 450.
 surface element 255.
 surface insulation 510.
 surface of the water 624.
 surface runoff 32, 34.
 surface scum 216.
 surface surveillance radar 809, 810.
 surface warm front 39.
 surface-piercing foils 495.
 surface-to-air missile 814.
 surface-to-subsurface missile 809, 814.
 surroyal antler 105.
 suspended span 454.
 suspender 456.
suspender clip 323.
suspenders 323.
 suspension 477.
 suspension arm 258.
 suspension band 729.
suspension bridge 456.
 suspension cable 456.
 suspension insulator string 756.
 suspension lines 636.
 suspension spring 707.
 suspension truck 458.
 suspensory ligament 140.
 suture 67, 94.
swagger stick 375.
 swallow hole 24.
swallowtail 817.
swallowtail and tongue 817.
 Swan 11.
 sweat pants 352.
 sweat shirt 352.
sweater 326.
sweaters 326, 338.
sweeping hip throw 668.
 sweeping score line 620.
 sweet bay 74.
 sweet peas 72.
 sweet pepper 69.
 sweet potato 71.
 sweet taste 143.
sweetheart neckline 343.
 swell organ manual 542.
 swell pedals 542.
 swept-back wing 499.
swift 575.
 swimmers 91.
swimming 621, 622.
 swimming pool 496, 621, 626.
 swimming trunks 353.
 swimsuit 353.
swing bridge 457.
Swiss army knife 688.
 Swiss chard 72.
switch 309.
 switch 254, 280, 283, 285, 464.
 switch lock 280.
switch plate 309.
 switch point 467.
 switch rod 467.
 switch signal 467.
 switch stand 467.
 switch tower 464.
 swivel 658, 672, 737.
 swivel base 282.
 swivel cord 370.
 swivel head 282.
 swivel lock 282.
swivel wall lamp 234.
swivel-tilter armchair 520.
 Swordfish 13.
 symbol 702.
symbols, dangerous materials 821.
symbols, protection 821.
 sympathetic ganglion 135.
symphony orchestra 556.
 symphysis pubis 127, 128.
 synapse 135.
synthesizer 555.
synthetic sponge 367.
syringe 726.
syringe for irrigation 726.
 system buttons 555.
 systems display 500.
T
 T-shirt dress 351.
T-strap shoe 356.
 T-tail unit 498.
tab 518.
 tab 319, 375, 378, 379, 566, 649.
 tab key 530.
 tab setting 525.
table 219, 674.
 table 283, 285, 363, 578.
table cut 363.
 table extension 285.
table lamp 236.
table mixer 250.
table saw 285.
table tennis 619.
table tennis ball 619.
table tennis paddle 619.
table, tennis 619.
 table-locking clamp 283.
tables, types of 219.
tablespoon 241.
tablet 725.
 tablinum 170.
 tabulator 524.
 tachometer 431, 445.
 tack 631.
 tackle box 672.
 tadpole 84.
 tag 352, 354.
 tail 91, 96, 97, 101, 106, 107, 112, 127, 499, 579, 633, 638, 641, 642, 643, 645, 670.
 tail assembly 499.
 tail boom 508.
tail comb 368.
 tail edge 577.
 tail feather 109.
 tail of helix 139.
 tail pipe 439.
 tail pipe extension 439.
 tail pole 773.
tail shapes, types 498.
 tail skid 508.
 tail-out groove 404.
 tailing auger 161.
 taillight 147, 429, 441, 443, 444.
 taillights 429.
tailored collar 341.
 tailored collar 330.
tailored sleeve 340.
 tailpiece 296, 544.
 tailrace 747.
 take-up handle 572.
 take-up reel 403.
 take-up spool 390.
 talon 111.
 talus 123.
tambourine 554.
 tamper 385.
tandem disk harrow 157.
 tandem disk harrow 154.
tandem tractor trailer 440.
 tang 239, 242, 291.
tank 805.
 tank 216, 398, 399, 689, 780.
 tank ball 293.

tank car 472.
tank farm 740.
tank gauge float 741.
tank lid 293.
tank sprayer 265.
tank top 351, 353.
tanker 491, 813.
tanks 511.
tap connector 265.
tape 566, 571, 607, 613, 711, 804.
tape counter 403.
tape dispenser 516.
tape lock 711.
tape measure 563, 711.
tape selector 403.
tape-guide 403.
tapered wing 499.
tapestry bobbin 574.
tapestry bobbin 574.
taproot 59.
tar paper 286.
target 684.
target area 770.
target areas 667.
target detection radar 809.
tariatan 582.
tarragon 74.
tarsus 78, 80, 103, 108, 122.
tassel 229, 231.
tasset 792.
taste sensations 143.
Taurus 11.
Taurus the Bull (April 20) 820.
taxi transportation 822.
taxiway 502.
taxiway line 503.
tea ball 246.
team bench 626.
team shirt 595, 600.
teapot 238.
tear tape 384.
tear-off calendar 518.
teaser comb 368.
teaspoon 241.
technical equipment compartment 415.
technical identification band 405.
technical producer 412, 415.
technical producer monitor 413.
technical specifications 433.
tedding 155, 159.
teddy 345.
tee 301.
tee 298, 620, 677.
teeing ground 676.
teeth 144.
teeth 566.
tele-converter 392.
telecommunication antenna 494, 497, 809.
telecommunication satellites 418.
telecommunication satellites, examples 418.
telecommunication terminal 422.
telecommunications by satellite 417.
telecommunications by telephone network 417.
telephone 822.
telephone 413.
telephone answering machine 420.
telephone cable 186.
telephone index 516.
telephone index 420.
telephone network 417.
telephone set 420.
telephone set 415, 417.
telephone, communication 420, 422.
telephones, types 422.
telephoto lens 392.
teleport 417.
teleprompter 414.
telescope 14.
telescope 14, 42, 484, 713.
telescope base 14.
telescopic boom 780, 786.
telescopic corridor 503.
telescopic front fork 442.
telescopic leg 726.
telescopic sight 718.
telescopic sight 798.
telescopic umbrella 375.
telescoping leg 393.
telescoping uncoupling rod 470.
television 410, 412, 414.
television set 410.
television set 401.
telex 421.
telex 417.
telltale 616, 628.
telson 91.
temperate climates 45.
temperature 210.
temperature control 213, 252, 256, 297.
temperature control knob 585.
temperature indicator 431.
temperature of dew point 38.
temperature scale 19.
temperature scales 710.
temperature selector 253, 258, 259.
temperature set point knob 705.
temperature, measure 41.
template 738.
temple 573.
temple 116, 376, 578.
tempo control 555.
tempo scale 539.
temporal bone 122.
10 m platform 624.
10 yards line 606.
tenaille 179.
tendon 107.
tendon guard 644.
tendril 61.
tennis 614.
tennis ball 615.
tennis player 615.
tennis racket 615.
tennis shoe 355.
tennis shoe 615.
tennis, court 614.
tennis, net 614.
tenon saw 578.
tenor drum 553.
tenpin 683.
tensometer 710.
tension adjustment 671.
tension block 562, 569.
tension block 561.
tension dial 562, 568, 569.
tension disk 562, 569.
tension guide 569.
tension pulley wheel 230.
tension rod 553.
tension screw 552.
tension spring 431, 562, 569, 665.
tensor of fascia lata 120.
tentacle 83.
tents, major types 686.
tepee 165.
terminal 255, 309, 312, 421, 740, 757.
terminal arborization 135.
terminal box 769.
terminal bronchiole 130.
terminal bud 57.
terminal filament 134.
terminal lobe 61.
terminal moraine 27.
terminal tackles 672.
terreplein 179.
terrestrial sphere 3.
tertil 110.
tertiary consumers 31.
test pattern 414.
testicle 127.
text 524.
text display 524.
theater 188.
theodolite 713.
theodolite 41.
thermal barrier 42.
thermal louver 43.
thermocouple 297.
thermocouple tube 297.
thermometer 705.
thermometer 627, 635, 741.
thermos 690.
thermosphere 19.
thermostat 210, 214, 252, 297.
thermostat control 254.
thigh 101, 106, 108, 117, 119, 127, 128.
thigh pad 602.
thigh-boot 357.
thigh-high stocking 344.
thimble 563.
thimble 711.
thinning razor 369.
third 537.
third base 597.
third baseman 597.
third finger 137.
3rd metacarpal 112.
third stage 509.
third valve slide 551.
third wheel 706, 707.
35 mm still camera 512.
thirty-second note 538.
thirty-second rest 538.
thong 357.
thoracic legs 90.
thoracic vertebra (12) 123.
thoracic vertebrae 102.
thorax 78, 79, 80, 116, 118.
thread 276, 294.
thread guide 561, 562.
thread take-up lever 561.
thread trimmer 562.
threaded cap 301.
threaded rod 279.
three-four time 537.
three-hinged arch 455.
three-of-a-kind 695.
3 m platform 624.
3 m springboard 624.
three-quarter coat 321.
three-quarter sleeve 339.
three-toed hoof 99.
threshing area 161.
threshold 202.
throat 108, 282, 483, 615, 671.
throat latch 649.
throat protector 595, 609.
throttle valve 735.
throttles 500.
through arch bridge 455.
throwing circle 654, 655.
throwings 658.
thrust 455.
thrust bearing 753.
thrust device 389.
thrust tube 389.
thruster 49, 512.
thrusting and cutting weapons 794.
thumb 112, 137, 327, 596.
thumb hook 550.
thumb piston 542.
thumb rest 549, 726.
thumb tacks 515.
thumbscrew 279.
thunderstorm 39.
thyme 74.
tibia 78, 80, 103, 112, 122.
tibial nerve 133.
ticket collector 463.
ticket collector's booth 474.
ticket control 463.
ticket counter 504.
tidal power plant 752.
tie 375, 466, 539.
tie bar 364.
tie beam 198.
tie closure 375.
tie plate 466.
tie rod 553.
tieback 228.
tiepin 364.
tierce 667.
tierceron 177.
tight end 603, 605.
tightener 661.
tightening band 40.
tide 832.
tile 286.
tile 169, 170, 511.
tiller 272.
tiller 628, 793.
tilt tube 231.
tilt-back head 250.
timber 168, 170.
time signatures 537.
timed outlet 255.
timekeeper 610, 612, 626, 666, 668, 669.
timer 398.
timer 252, 585, 664.
timing belt 434.
timpani 557.
tine 157, 240, 272.
tip 57, 72, 239, 241, 275, 276, 284, 291, 305, 306, 323, 375, 633, 637, 640, 645, 658, 670, 675.
tip cleaners 307.
tip of nose 141.
tip protector 726.
tip section 670.
tip-ring 670, 671.
tipping lever 727.
tire 433.
tire 440, 447.
tire pump 446.
tire valve 447.
tissue holder 292.
Titan 5.
toad 85.
toaster 252.
tobacco 384.
tobacco hole 385.
tobacco pouch 385.
toe 104, 106, 111, 116, 118, 277, 325, 678.
toe binding 642.
toe box 644.
toe clip 104, 446, 448.
toe guard 730.
toe guard 595.
toe hole 645.
toe pick 644.
toe piece 633, 640.
toe piston 542.
toe strap 633.
toe-piece 641.
toenail scissors 365.
toeplate 642.
toga 315.
toggle 817.
toggle bolt 276.
toggle fastening 320.
toggles 650.
toilet 293.
toilet 215, 292, 461.
toilet bowl 293.
toilet tank 292.
tom-tom 552.
tomato 69.
tombolo 30.
tone arm 404.
tone control 547.
tone leader generator 407.
tongs 246.
tongue 81, 88, 131, 142, 323, 352, 354, 536, 542, 566, 641, 644.
tongue sheath 96.
tongue, dorsum 143.
tonsil 142.
tool 735.
tool holder 283.
tool shelf 302.
tool tether 512.
tools, carpentry 275, 276, 278, 280, 282, 284.
tools, electricity 310, 311.
tools, plumbing 299.
tools, wood carving 587.
tooth 96, 158, 159, 160, 162, 268, 277, 284, 369, 785.
toothbrush 373.
toothbrush shaft 373.
toothbrush well 373.
toothed jaw 278.
toothpaste 373.
top 59, 219, 302, 478.
top bar 659.
top coat 331.
top cylinder 581.
top deck 741.
top deckboard 787.
top edge 577.
top hat 328.
top ladder 781.
top lift 354.
top of dam 746, 748, 749, 752.
top plate 525.
top pocket 675.
top rail 202, 223, 225.
top rail of sash 203.
top road 736.
top stitched pleat 335.
top stitching 323, 350.
top-end transverse member 470.
topaz 362.
topmark 486, 488.
topping 670.
topping lift 478.
toque 329.
torpedo 807.
torpedo room 807.
torque converter 258.
torus 166, 167.
total 709.
total eclipse 8.
tote bag 380, 382.
tote board 651.
Toucan 13.
touch 136.
touch judge 606.
touch line 601.
touchline 606.
touring boot 642.
tourmaline 362.
tow bar 506.
tow bar 158, 159, 162, 449, 633.
tow line 633.
tow release knob 639.

- tow tractor** 505, 507.
 towel bar 292.
 tower 176, 456, 486, 770, 771, 773, 774, 786.
tower crane 786.
 tower ladder 781.
 tower mast 786.
 tower silo 149.
 towing eye 803.
 towing hitch 147, 449.
town houses 187.
 trachea 130.
tracing wheel 563.
track 476, 651.
 track 230, 445, 463, 474, 783.
track and field athletics 654, 656, 658.
 track idler 783.
track lighting 235.
 track link 805.
 track number 405.
 track roller frame 783.
 track search keys 405.
 track shoe 656, 805.
 trackball 526.
 tracker 543.
tractor 147.
 tractor engine 784.
 trade building 185.
 trade name 384.
traditional houses 165.
traditional musical instruments 535, 536.
 traffic circle 52, 450.
 traffic island 184.
 traffic lane 452.
 traffic light 186.
 tragus 112, 139.
 trail 803.
trailer 449.
 trailing edge 498, 636, 637, 638.
 trailing edge flap 498, 812.
 trainer 669.
training set 351.
training suit 352.
 training wall 746.
trampoline 659.
 transceiving dish 418.
transcription of seismic waves 714.
 transducer 485.
 transept 177.
 transept spire 176.
 transfer canal 764.
 transfer dispensing machine 475.
 transfer of heat to water 766.
 transfer port 436.
 transfer ramp 452.
 transfer scale 396.
 transform fault 28.
 transformer 235, 747, 757, 758, 771.
 transit shed 490.
transition fittings 301.
 translation wave 30.
 transmission 258.
 transmission cable 485.
 transmission: dish 418.
 transmission of the electrical current 714.
 transmission/reception of messages 421.
 transmitted pulse 722.
 transmitter 420.
 transmitting station 722.
transparency slide 397.
 transpiration 35.
transporter bridge 457.
 transverse colon 131.
 transverse dunes 46.
 transverse process 135.
trap 301.
 trap 215, 293, 296.
 trap coupling 296.
trapeze dress 332.
 trapezius 120, 121.
traveler 630.
 traveler 628.
 traveling block 737.
 traveling crane 747.
 traverse arch 177.
traverse rod 230.
 traversing handle 803.
 tray 210, 226, 270, 304, 383.
 tread 201, 433, 649.
 tread bar 147.
 tread design 433.
 treadle 572.
 treadle cord 572.
 treatment plant 735.
 treble 646.
 treble bridge 540.
 treble fishhook 672.
 treble keyboard 536.
 treble pickup 547.
 treble register 536.
 treble tone control 402.
tree 59.
 tree 649.
 tree frog 85.
tree pruner 269.
tree, structure 59.
tree, trunk 59.
 trees 676.
trefoil 174.
 trefoil 175.
 trench 28, 733.
trench coat 319.
 Triangle 11, 556.
triangle 554.
 triangular bandage 725.
 triangular body 535.
 triangular fossa 139.
 Triangulum 11.
 Triangulum Australe 13.
 triceps bar 663.
 triceps of arm 121.
tricorn 318.
 tricuspid valve 125.
 trifoliate 56.
 trigger 268, 304, 780, 793, 795, 796, 797, 798, 799, 804.
 trigger guard 795, 797, 798, 799.
 trigger switch 284.
 triglyph 167.
 trill 538.
 trim 383.
 trim panel 429.
 trim ring 255.
 trimmer 374.
trimming 578.
 trimming 379.
trimming tool 585.
 trio 558.
 trip lever 264, 293.
 trip odometer 431.
triple bars 647.
 triple bars 646.
 triple jump take-off board 654.
 triple jump take-off line 654.
 triple ring 698.
 triple tail unit 498.
tripod 393.
 tripod 397, 415, 539, 721.
 tripod accessories shelf 721.
 tripod stand 552.
tripod tail support 507.
 Triton 5.
 trochanter 78, 80.
 trolley 457, 786.
 trolley crank 265.
 trolley pulley 786.
Trombe wall 772.
 Trombe wall 772.
 trombone 550.
 trombones 556.
 tropic of Cancer 3, 47.
 tropic of Capricorn 3, 47.
tropical climates 45.
tropical fruits 68.
tropical fruits, major types 68.
 tropical maritime 38.
 tropical rain forest 45.
 tropical savanna 45.
 tropical storm 39.
 troposphere 19.
 trot 101.
 trough 30, 38.
 trousers 668.
trouser 268.
truck 476.
 truck 468, 645.
truck crane 786.
 truck frame 468.
truck tractor 440.
 truck tractor 440.
 truck trailer 440.
trucking 440.
 truffle 55.
trumpet 550.
 trumpet 550.
 trumpet interchange 451.
 trumpets 556.
trunk 383.
 trunk 59, 61, 117, 119, 427.
trunk hose 316.
trunk, cross section 59.
 trunks 662.
 trunnion 800.
 trussed arch 455.
 tub 257, 258, 263.
 tub platform 292.
 tub rim 258.
 tuba 551, 557.
tube 588.
 tube 397, 710, 803, 804.
tube cutter 299.
 tube end 300.
tube flaring tool 299.
 tube retention clip 233.
tuber vegetables 71.
 tubing 740.
 tubing head 740.
 tubing valve 740.
tubular bells 554.
 tubular bells 556.
 tubular element 255.
 tubular heater 744.
tubular ice screw 681.
tubular lock 290.
 tubular member 738.
 tubular structure 487.
 Tucana 13.
 tuck 384.
 tuck position 624.
Tudor 174.
tumble dry at low temperature 829.
tumble dry at medium to high temperature 829.
tuner 402.
 tuner 400, 408.
 tungsten filament 233.
tungsten-halogen lamp 233.
tunic 337.
 tunic 791.
 tunic dress 333.
 tuning control 402, 408.
 tuning controls 410.
 tuning dial 408.
tuning fork 539.
 tuning gauge 553.
 tuning mode 402.
 tuning peg 545, 547.
 tuning pin 540.
 tuning slide 551.
 tuning wire 542.
 tunnel 474.
turban 329.
turbine 753.
 turbine 758.
 turbine building 758.
 turbine headcover 753.
 turbine runner 752.
 turbine shaft turns generator 767.
 turbine stop valve 758.
 turbine-compressor shaft 501.
 turbo-alternator 771, 806.
turbo-compressor engine 438.
 turbo-jet engine 812.
turbofan engine 501.
 turbojet engine 499.
turkey 150.
 turn 538.
 turn and slip indicator 639.
 turn and slip knob 639.
 turn signal 429, 441, 442, 443, 444.
 turn signal indicator 431, 445.
turnbuckle 630.
 turnbuckle 669.
 turner 244.
turning 584.
 turning handle 280.
 turning judge 621.
 turning wall 621, 622.
 turning wheel 584.
 turnip 71.
turntable 404.
 turntable 250, 400, 407, 457, 784, 785.
 turntable mounting 780.
turpentine 592.
turquoise 362.
 turret 180, 805, 809.
 turret cap 718.
turtle 97.
 turtle neck 642.
turtleneck 326, 342.
 turtleneck 338.
 tusks of elephant 99.
 tusks of walrus 99.
 tusks of wart hog 99.
tusks, major types 99.
 TV mode 411.
 TV power button 411.
 TV/video button 411.
 tweeter 16, 400.
 tweezers 725.
 25 ring 698.
 25 yards line 606, 607.
 twig 57, 59.
twill weave 576.
 twin skis 633.
twin-lens reflex camera 394.
twirl-set 338.
 Twins 11.
twist bar 665.
twist dive 625.
twist drill 281.
 twist grip throttle 444.
twisted rope 692.
 two columns split bet 700.
 two dozens split bet 701.
 240-volt circuit 312.
 240-volt feeder cable 312.
 2 m line 626.
two pairs 695.
two-burner camp stove 689.
two-door sedan 425.
two-hand clean and jerk 662.
two-hand snatch 662.
two-hinged arch 455.
two-person tent 685.
 two-sided copies 532.
two-stroke-cycle engine 436.
 two-toed hoof 99.
 two-two time 537.
 two-way collar 319.
two-way traffic 824, 825.
 tympanum 84, 97, 166, 168, 175.
 type of fuel 453.
 type of high cloud 38.
 type of low cloud 38.
 type of middle cloud 38.
 type of the air mass 38.
types of heads 276.
types of passenger cars 460.
typist's chair 521.

U

- U-bend 301.
U-shaped gouge 581.
 UHF antenna 42.
 ulna 102, 122.
 ulnar extensor of wrist 121.
 ulnar flexor of wrist 120, 121.
 ulnar nerve 133.
 ultraviolet spectrometer 43.
 umbel 60.
 umbo 95.
 umbra shadow 8.
umbrella 375.
 umbrella pine 58.
 umbrella ring 679.
umbrella stand 375.
umlaut 832.
 umpire 599, 603, 605, 611, 613, 614, 618.
 under tail covert 109.
underarm crutch 728.
underarm portfolio 378.
 underarm rest 728.
 underground flow 32, 35.
underground mine 736.
 underground passage 464.
 underground stem 70.
 underlining 565.
underlying fabrics 565.
 underpass 454.
 undershirt 595.
underwater camera 394.
underwear 325, 345, 346.
 underwiring 347.
union 830.
 union 300.
 union nut 300.
union suit 325.
 uniparous cyme 60.
 union 537.
 unit price 709.
unvalve shell 94.
universal step 507.
unleavened bread 153.
 unloading tube 161.
 uphaul 631.
 upholstery nozzle 260.
 upper 641.
 upper blade guard 284.
 upper bowl 247.
 upper cheek 650.
 upper chord 455.
 upper cold front 39.
 upper cuff 641.
 upper deck 498.
 upper edge 619.
 upper eyelid 84, 107, 140.
 upper fore topgallant sail 481.
 upper fore topsail 481.
 upper gate 493.
 upper gill arch 87.

upper girdle facet (16) 363.
 upper laboratory 15.
 upper lateral lobe 61.
 upper lateral sinus 61.
 upper level 493.
 upper limb 793.
 upper lip 81, 142, 542.
 upper lobe 130.
 upper mandible 109.
 upper mantle 22.
 upper shell 641, 645.
 upper sphere clamp 40.
 upper strap 641.
 upper support screw 40.
 upper tail covert 109.
 upper warm front 39.
 upperboard 543.
upperworks 630.
 upright 573, 574, 578, 579, 657, 659, 660, 661, 728.
upright piano 540.
upright piano action 541.
 upstage 188, 189.
 upstream blanket 748.
 upstream face 749.
 upstream shoulder 748.
 upstream toe 748.
 Uranus 5.
urban map 52.
 ureter 132.
 urethra 128, 129, 132.
 urinary bladder 89, 127, 128, 132.
 urinary meatus 127.
urinary system 132.
 urogenital aperture 89.
 uropod 91.
 Ursa Major 11.
 Ursa Minor 11.
use chlorine bleach as directed 829.
utensils, set 244.
 uterovesical pouch 128.
 uterus 128, 129.
utility case 382.
utility liquids 592.
 uvula 141, 142.

V

V-neck 322, 326.
V-neck cardigan 326.
 V-neck cardigan 338.
V-shaped gouge 581.
V-shaped neck 343.
 vacuole 115.
 vacuum chamber 710, 717.
vacuum coffee maker 247.
 vacuum diaphragm 435.
 vacuum distillation 744.
 vacuum manifold 717.
 vacuum system console 717.
 vagina 128, 129.
vair 819.
 valance 224, 228.
 valley 27.
 valve 67, 95, 550.
 valve casing 550.
 valve seat 294.
 valve seat shaft 293.
valve seat wrench 299.
 valve spring 434.
 vambraze 792.
 vamp 353, 355.
 vane 110, 259.
 vanity cabinet 292.
vanity case 382.
 vanity mirror 430.
 vaporizer 210.
 vaporizing grille 210.
 variable geometry wing 499.
 variable spacer 525.
 variation keys 569.
 variometer 635.
various dry fruits 67.
varnish 592.
varnish-roller 582.
Vauban fortification 178.
vault 177.
vaulting horse 659.
 VCR controls 411.
 VCR mode 411.
 VCR power button 411.
 vector/waveform monitor 413.
vegetable bowl 238.
vegetable brush 246.
 vegetable garden 148, 193.
vegetable sponge 367.
vegetable steamer 249.
vegetables 69, 70, 71, 72, 73.
 vegetables 33.
 veil 670.
 vein 56.
velns 126.
 Vela 13.
 Velcro® closure 349.
 velum 80.
velvet-band choker 361.
Venetian blind 231.
 venom canal 96.
 venom gland 96.
 venom-conducting tube 96.
venomous snake's head 96.
 vent 214, 430, 800, 801.
vent brush 368.
 vent door 441.
 vent hole 304.
 ventail 792.
 ventilated rib 798.
 ventilating circuit 215.
 ventilating fan 469.
 ventilating grille 260.
 ventilation 772.
 ventilation hood 486.
 ventilator 477.
 ventral aorta 88.
 ventricular septum 125.
 venturi 804.
 venturi fastening lever 804.
 Venus 4.
 vermiform appendix 131.
 vernal equinox 3, 8.
 vernier 708.
 vernier scale 484.
Versailles parquet 200.
vert 819.
 vertebral body 135.
 vertebral column 89, 122, 134.
 vertebral shield 97.
 vertical control 529.
 vertical cord lift 256.
vertical frame 574.
 vertical movement 696.
vertical pivoting window 203.
 vertical pocket 316.
 vertical pupil 96.
 vertical shaft 736.
 vertical side band 613.
 vertical stabilizer 639.
vertical-axis wind turbine 774.
 very cloudy sky 39.
vest 315, 322, 338.
 vestibular nerve 139.
 vestibule 139, 170, 461.
 vestibule door 461.
 VHF antenna 808.
vladuct 454.
vial 725.
 vibrating mudscreen 737.
 vibrato arm 547.
video camera 409.
 video camera 526.
 video cassette recorder 526.
 video connection panel 415.
video entertainment system 699.
video monitor 529.
 video monitor 526, 527.
 video monitoring selector 413.
 video port 528.
 video switcher technician 412, 415.
videocassette recorder 411.
 videocassette recorder 401.
 videotape operation controls 409.
Vienna bread 153.
vlew camera 394.
 viewfinder 390.
 viewfinder adjustment keys 409.
 vine shoot 61.
vine stock 61.
vine, maturing steps 61.
 vinyl grip sole 350.
vinyl insulation 287.
 viola 545.
 violas 556.
violin 544.
 violin 545.
violin family 545.
 Virgin 11, 13.
 Virgo 11, 13.
Virgo the Virgin(August 23) 820.
virgule 832.
vise 282.
 vision slit 792.
 visor 443, 471, 642, 730, 792.
 visor hinge 443.
 visual display 699.
 visual display unit 421, 422.
 visual transmission 717.
 visualization of seismic waves 714.
 vitelline membrane 109.
 vitreous body 140.

vocal cord 130.
 voice edit buttons 555.
 voice selector 555.
 Volans 13.
 volcanic bombs 25.
 volcanic island 28.
volcano 25.
 volcano 23.
volcano during eruption 25.
volleyball 613.
volleyball, court 613.
volleyball, net 613.
 voltage increase 767.
 voltage tester 310.
 volume control 402, 408, 411, 420, 422, 547, 555.
 volume readout 453.
 volume unit meters 407.
 volute 166, 167, 220.
 volva 55.
 voussoir 174.
 vulva 118, 128.

W

wad 799, 801.
 waders 672.
 wading bird 111.
 waferboard 288.
waffle iron 253.
 wagon 162.
wagon tent 686.
 waist 117, 119, 354, 544, 756.
 waistband 320, 323, 325.
 waistband extension 323.
 waistcoat 317.
 walk 101.
 walk-in 195.
 walker 728.
walking aids 728.
 walking leg 78.
walking stick 375.
 walking stick 728.
wall 647.
 wall 7, 65, 104, 646, 685.
wall and rails 647.
 wall and rails 646.
 wall bracket 230.
wall fitting 234.
wall lantern 235.
wall register 207.
 wall stack section 206.
 wall stud 199.
wall tent 686.
wallet 379.
 wallet 523.
 walnut 66.
walnut, section 66.
 waning gibbous 7.
 wapiiti 105.
wardrobe 226.
 wardrobe 195.
 warhead 814.
 warm air 772.
 warm air outlet 438.
 warm-air baffle 204.
 warming plate 247.
 warning device 777.
 warning lights 431.
 warning plate 280.
 warning track 597.
 warp 573, 574.
 warp roller 573.
 warp thread 576.
 warping frame 575.
 warty skin 85.
 wash tower 257.
washer 258, 298.
 washer 215, 294, 298.
 washer nozzle 426.
washers 278.
washing 829.
wasp-walsted corset 347.
Wassily chair 221.
 waste pipe 293.
 waste stack 215.
 waste tee 298.
 Water Bearer 13.
 water bottle 447.
 water bottle clip 447.
water carrier 690.
 water cools the used steam 767.
water goblet 237.
 water hazard 676.
 water hose 257, 734.
 water inlet 295.
 water intake 747.
 water is pumped back into the steam generator 767.
water jump 647.
 water jump 646.
 water key 551.
 water level 210, 247.
 water main 772.
 water meter 215.
water pletcher 238.
water polo 626.
water polo ball 626.
water polo, goal 626.
water polo, playing area 626.
 water pressure gauge 778.
 water separator 734.
 water service pipe 215.
water signs 820.
water skiing 633.
water skiing handles, types 633.
water skiing skis, types 633.
 Water Snake 11, 13.
 water table 24.
 water tank 210, 373, 469.
 water tower 465.
 water turns into steam 766.
 water-heater tank 772.
 water-level selector 258.
 water-level tube 256.
 water/alcohol 485.
watercolor and gouache 588.
 watercress 73.
 waterfall 27.
watering can 265.
 waterline 487.
 watermelon 69.
 waterproof pants 349.
watt-hour meter 712.
watt-hour meter, mechanism 712.
wave 30.
 wave base 30.
wave clip 369.
 wave guide 415.
 wave height 30.
 wave length 30.
 wave wall 748.
 wax seal 293.
 waxing gibbous 6.
weapons in the age of the Romans 791.
weather map 38.
 weather radar 498.
weather satellite 42.
 weatherboard 202, 203.
weaving 572, 574, 576.
 weaving pattern brush 568.
 weaving pattern lever 568.
weaving, accessories 573, 575.
 web 84, 111, 466, 596.
 webbed foot 84.
 webbed toe 111.
 webbing 428, 571, 634.
wedding ring 364.
 wedge 542, 800.
 wedge iron 277.
 wedge lever 277.
weeder 268.
weeding hoe 266.
weekender 383.
 weft 573, 574.
 weft thread 576.
 weighing platform 709.
 weight 658, 665, 707, 708, 709.
 weight belt 627.
weight stack exercise unit 663.
weight-driven clock mechanism 707.
weightlifter 662.
weightlifting 662.
 weightlifting belt 662.
 weightlifting shoe 662.
 weights 663.
 weld bead 307.
welding 305, 306, 308.
welding curtain 308.
welding torch 306.
 welding torch 306, 307.
 wet flow line 738.
 welt 322, 355.
welt pocket 339.
 welt pocket 322, 326.
 West 488.
 West cardinal mark 489.
 West Coast mirror 440.
 Western hemisphere 47.
 Western meridian 47.
 wet suit 627.
 wet well 763.
 Whale 11, 13.
whale boat 482.
wheat 152.
wheat, grain 152.
wheel 433.

wheel 270, 383, 427, 440, 563, 583,
645, 684, 800, 805.
wheel chock 506.
wheel cover 427.
wheel cylinder 432.
wheel head 584.
wheel loader 782.
wheel tractor 782.
wheelbarrow 270.
wheelchair 727.
wheelchair 461.
wheelk 83.
whipping 678.
whisk 245.
whiskers 107.
whistle 252.
White 696, 697.
white balance sensor 409.
white cabbage 73.
white cap 626.
white cue ball 673.
white flag 626.
white light 488.
white line 104.
white matter 135.
white spot ball 673.
white square 696.
white stone 697.
white tape 618, 619.
white wine glass 237.
white-tailed deer 105.
whole note 538.
whole rest 538.
whole wheat bread 153.
wholemeal bread 153.
whorl 83, 94.
wicker basket 635.
wicket 599.
wicket 599.
wicket gate 753.
wicketkeeper 599.
wide-angle lens 392.
wigwam 165.
willow 598.
winch 630.
wind 38.
wind 629.
wind abeam 629.
wind arrow 38.
wind chest 543.
wind chest table 543.
wind deflector 440.
wind direction 38.
wind direction and speed 38.
wind direction, measure 41.

wind duct 543.
wind energy 773, 774.
wind guard 634.
wind indicator 628.
wind instruments 548, 550.
wind sock 817.
wind speed 38.
wind strength, measure 41.
wind supply 543.
wind trunk 543.
wind vane 41.
windbag 536.
windbreaker 320.
winder 706.
winding adjustment 718.
winding mechanism 231, 707.
winding shaft 736.
winding tower 735.
windmill 773.
window 203.
window 194, 195, 253, 255, 379,
399, 427, 429, 477, 498, 631.
window accessories 228, 230.
window canopy 685.
window regulator handle 429.
window sill 198.
window tab 518.
windows 379.
windows, types 203.
windscreen 14, 406.
windshaft 773.
windshield 426, 440, 442, 445, 498,
500.
windshield wiper 431.
windshield wiper blade 431.
wine waiter corkscrew 244.
wing 316.
wing 78, 108, 499, 511, 637, 670,
812.
wing attack 611.
wing box 812.
wing covert 108.
wing defense 611.
wing membrane 112.
wing nut 279.
wing pallet 787.
wing rib 498.
wing shapes, types 499.
wing slat 499.
wing tip 638.
wing vein 79.
wing, bird 110.
Winged Horse 11.
winglet 499.

wings 112, 189, 638.
wings, bat 112.
winning line 702.
winter 8.
winter solstice 8.
winze 736.
wiper 431.
wiper arm 431.
wiper switch 430.
wire 641, 658, 714.
wire beater 250.
wire brush 553.
wire cutter 311.
wire sling 681.
wire stripper 311.
wire support 689.
wisdom tooth 144.
wishbone boom 631.
withers 100, 106.
wok 248.
wok set 248.
women's clothing 330, 332, 334,
336, 338, 340, 342, 344, 346, 348.
women's rest room 822.
wood 288, 677.
wood carving 586.
wood chip car 472.
wood chisel 275.
wood engraving 581.
wood flooring 200.
wood flooring 199.
wood flooring arrangements 200.
wood flooring on cement screed
200.
wood flooring on wooden
structure 200.
wood ray 59.
wood, golf 678.
wood-based materials 288, 289.
woodbox 204.
woodcut 581.
wooden bar 661.
wooden modeling tools 585.
woods 52.
woodwind family 548.
woofer 16, 400.
word correction 525.
work lead 305.
worker, honeybee 80.
worker, honeybee 81.
working area 16.
working pressure gauge 306.
worm 801.
worm 575.
wraparound dress 333.

wraparound skirt 334.
wrapover top 337.
wrapper 384.
wrist 106, 112, 117, 119, 137.
wrist sling 681.
wrist strap 640, 642.
wrist-length glove 327.
wristband 602, 615.
write protect notch 529.
writing brush 389.
writing case 378.
writing instruments 389.

X

X-band antenna 49.
xylophone 554.
xylophone 556.

Y

Y-branch 301.
Y-tube 726.
yard 465.
yard 478.
yard line 604.
yarn 692.
yarn ball 596.
yarn clip 569.
yarn feeder 569.
yarn rod 569.
yarn tension unit 569.
yellow ball 673.
yellow onion 70.
yen 832.
yield 824, 825.
yoke 230, 320, 324, 337.
yoke skirt 334.
yolk 109.
yurt 165.

Z

zenith 16.
zenith S-band antenna 49.
zest 65.
zester 242.
zipper 566.
zipper 321, 350, 365, 382, 685.
zipper line 565.
zither 535.
zona pellucida 128.
zoom lens 392.
zoom lens 409, 414.
zucchini 69.
zygomatic bone 122.

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scuba diver, 627
shock absorber, 443
side chapel, 176
signs of zodiac, 820
snaffle bit, 649, 650
spacesuit, 510
spaghetti tongs, 246

side chapel

spacesuit



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